

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080219.D
 Acq On : 03 Feb 2025 10:27
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 04 05:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:40:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	121220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	206585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8296	5.261	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.520%#		
35) Dibromofluoromethane	7.811	113	7578	5.176	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.360%#		
50) Toluene-d8	10.269	98	25598	4.715	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.420%#		
62) 4-Bromofluorobenzene	12.569	95	8724	5.008	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.020%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	9203	4.365	ug/l	91
3) Chloromethane	2.152	50	13905	5.507	ug/l	97
4) Vinyl Chloride	2.287	62	16622	5.441	ug/l	96
5) Bromomethane	2.699	94	15161	6.437	ug/l	99
6) Chloroethane	2.846	64	11574	5.688	ug/l	94
7) Trichlorofluoromethane	3.175	101	14882	5.879	ug/l	93
8) Diethyl Ether	3.605	74	3091	4.463	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.970	101	8543	5.830	ug/l	99
10) Methyl Iodide	4.181	142	1693	5.544	ug/l #	88
11) Tert butyl alcohol	5.058	59	2250m	25.832	ug/l	
12) 1,1-Dichloroethene	3.946	96	7374	5.312	ug/l	81
13) Acrolein	3.799	56	3614	22.005	ug/l	92
14) Allyl chloride	4.575	41	9413	4.400	ug/l	95
15) Acrylonitrile	5.258	53	7106	21.356	ug/l #	95
16) Acetone	4.034	43	7365	28.982	ug/l	91
17) Carbon Disulfide	4.270	76	27783	5.549	ug/l	99
18) Methyl Acetate	4.564	43	3855	4.496	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	12006	3.929	ug/l	92
20) Methylene Chloride	4.811	84	9634	5.586	ug/l #	91
21) trans-1,2-Dichloroethene	5.322	96	7565	4.797	ug/l	91
22) Diisopropyl ether	6.222	45	17160	3.854	ug/l #	93
23) Vinyl Acetate	6.158	43	48590	18.904	ug/l #	86
24) 1,1-Dichloroethane	6.116	63	14623	5.010	ug/l	95
25) 2-Butanone	7.093	43	8195	20.790	ug/l #	88
26) 2,2-Dichloropropane	7.087	77	13782	5.445	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	8289	4.653	ug/l	97
28) Bromochloromethane	7.428	49	7025	5.275	ug/l #	93
29) Tetrahydrofuran	7.452	42	5133	19.882	ug/l #	81
30) Chloroform	7.593	83	15145	5.076	ug/l	93
31) Cyclohexane	7.875	56	12203	5.223	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	13177	5.279	ug/l	99
36) 1,1-Dichloropropene	8.011	75	10067	4.800	ug/l	94
37) Ethyl Acetate	7.181	43	4446	4.324	ug/l #	87
38) Carbon Tetrachloride	7.999	117	11247	5.135	ug/l	87
39) Methylcyclohexane	9.269	83	10484	4.602	ug/l	96
40) Benzene	8.252	78	31105	4.732	ug/l	95

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 05:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:40:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2116	3.733	ug/l #	56
42) 1,2-Dichloroethane	8.328	62	9317	4.981	ug/l	96
43) Isopropyl Acetate	8.363	43	7573	4.150	ug/l #	60
44) Trichloroethene	9.028	130	7165	4.718	ug/l	90
45) 1,2-Dichloropropane	9.310	63	8278	5.007	ug/l	96
46) Dibromomethane	9.393	93	4651	5.049	ug/l	94
47) Bromodichloromethane	9.587	83	11910	5.127	ug/l	86
48) Methyl methacrylate	9.387	41	3835	4.541	ug/l	89
49) 1,4-Dioxane	9.381	88	717	71.552	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	18133	19.649	ug/l	95
52) Toluene	10.334	92	17254	4.488	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	8473	4.279	ug/l #	83
54) cis-1,3-Dichloropropene	10.016	75	10021	4.160	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	6436	5.377	ug/l #	83
56) Ethyl methacrylate	10.599	69	5170	3.786	ug/l	91
57) 1,3-Dichloropropane	10.881	76	9522	4.810	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	10941	18.770	ug/l	97
59) 2-Hexanone	10.922	43	11107	18.342	ug/l	99
60) Dibromochloromethane	11.069	129	7090	4.806	ug/l	94
61) 1,2-Dibromoethane	11.181	107	5351	4.909	ug/l	94
64) Tetrachloroethene	10.810	164	7147	5.273	ug/l	84
65) Chlorobenzene	11.604	112	22008	4.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	7909	5.084	ug/l	97
67) Ethyl Benzene	11.687	91	32642	4.412	ug/l	95
68) m/p-Xylenes	11.799	106	24792	8.632	ug/l	90
69) o-Xylene	12.122	106	10672	4.075	ug/l	96
70) Styrene	12.134	104	18781	4.029	ug/l	98
71) Bromoform	12.299	173	4766	5.197	ug/l #	95
73) Isopropylbenzene	12.422	105	29314	4.310	ug/l	95
74) N-amyl acetate	12.234	43	7041	3.938	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	6917	4.887	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	5570m	5.476	ug/l	
77) Bromobenzene	12.704	156	7827	4.461	ug/l	93
78) n-propylbenzene	12.763	91	37418	4.321	ug/l	99
79) 2-Chlorotoluene	12.851	91	21852	4.441	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	24173	4.249	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	2218	4.459	ug/l	90
82) 4-Chlorotoluene	12.946	91	22963	4.392	ug/l	99
83) tert-Butylbenzene	13.163	119	21883	4.705	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	25062	4.328	ug/l	99
85) sec-Butylbenzene	13.346	105	32039	4.506	ug/l	98
86) p-Isopropyltoluene	13.463	119	27223	4.484	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	16985	4.915	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	18347	5.245	ug/l	94
89) n-Butylbenzene	13.787	91	29720	5.037	ug/l	94
90) Hexachloroethane	14.051	117	7078	5.245	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	15067	4.948	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1205	5.351	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	8886	4.578	ug/l	99
94) Hexachlorobutadiene	15.204	225	5322	5.063	ug/l	99
95) Naphthalene	15.328	128	13776	4.179	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.522	180	7665	4.376	ug/l	93

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Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

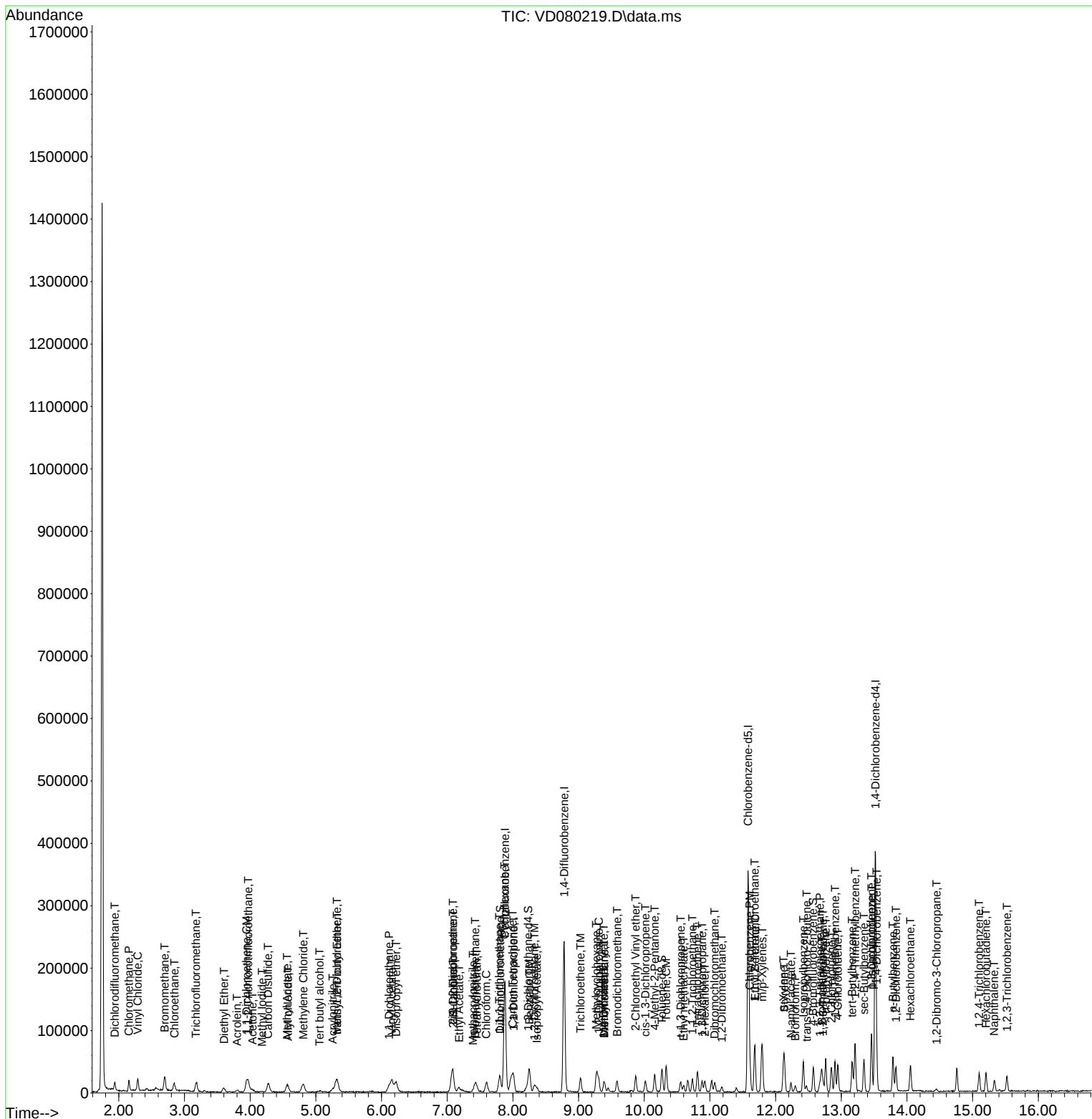
Quant Time: Feb 04 05:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:40:32 2025
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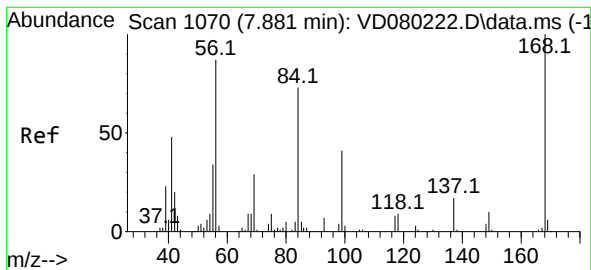
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

Quant Time: Feb 04 05:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:40:32 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:168 Resp: 121220

Ion Ratio Lower Upper

168 100

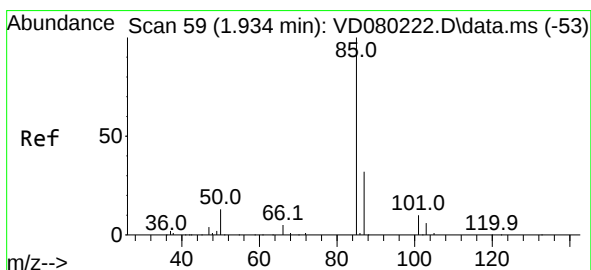
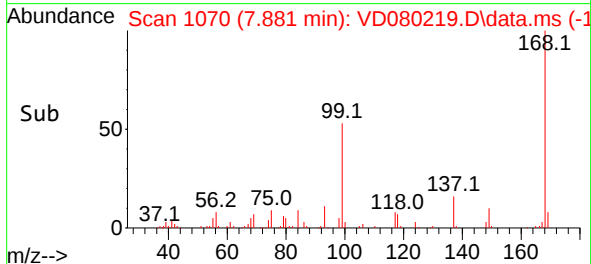
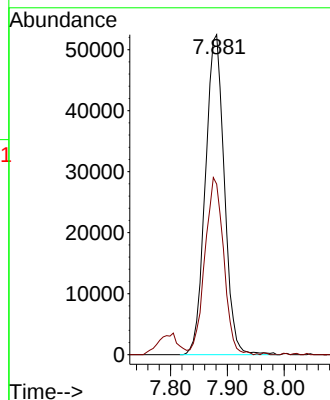
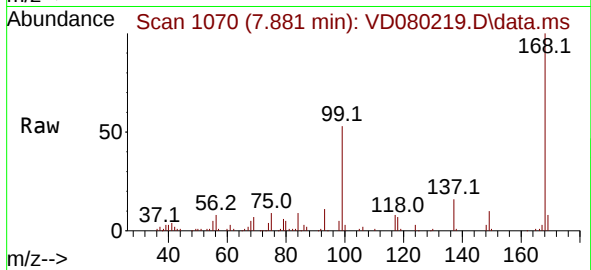
99 53.3 44.4 66.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/04/2025



#2

Dichlorodifluoromethane

Concen: 4.365 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD080219.D

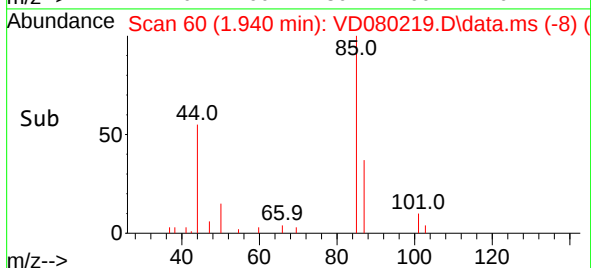
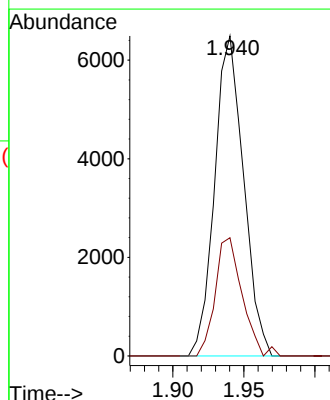
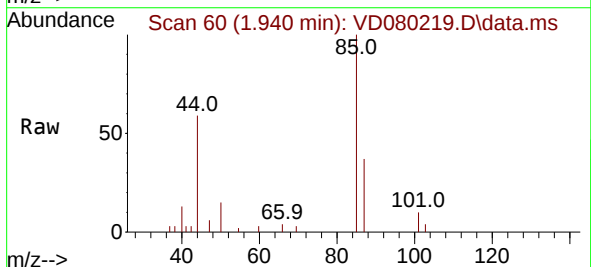
Acq: 03 Feb 2025 10:27

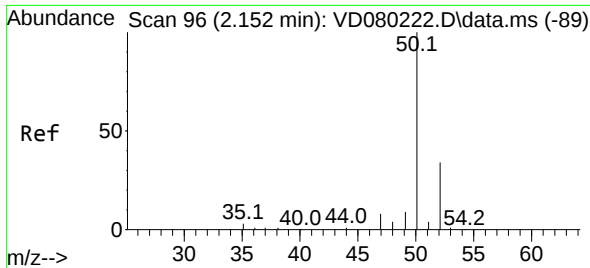
Tgt Ion: 85 Resp: 9203

Ion Ratio Lower Upper

85 100

87 36.9 16.0 47.9





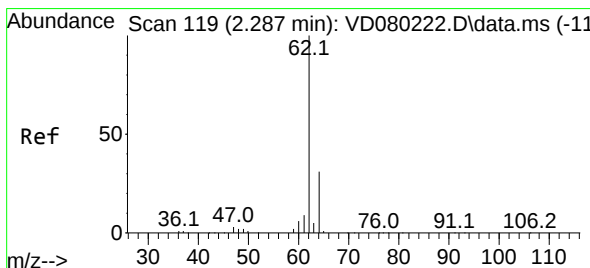
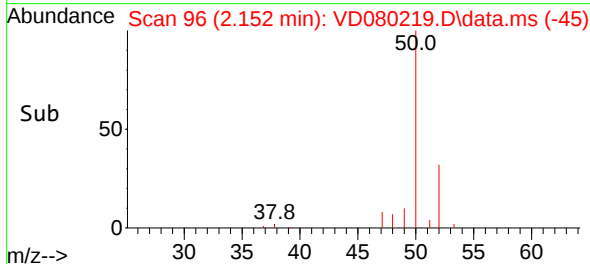
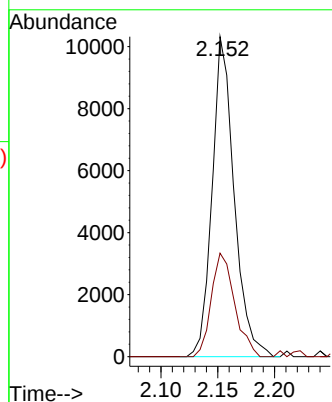
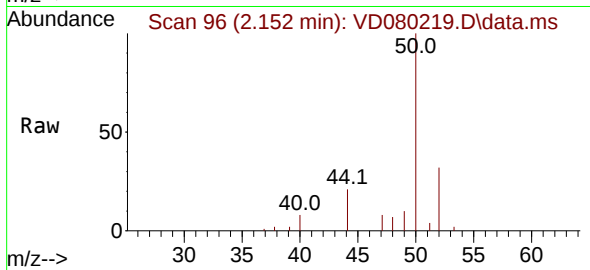
#3
Chloromethane
Concen: 5.507 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 1390
Ion Ratio Lower Upper
50 100
52 32.4 27.2 40.8

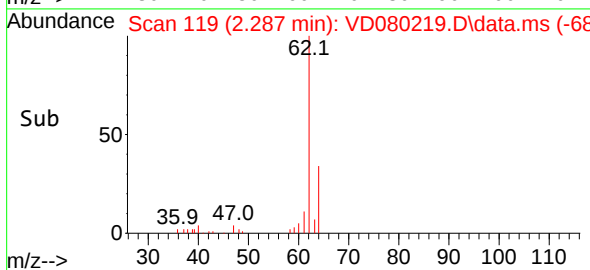
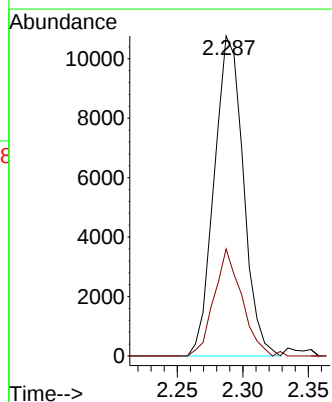
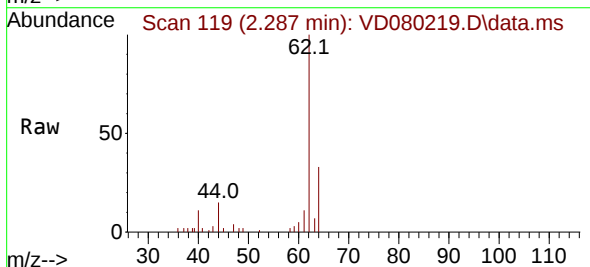
Manual Integrations
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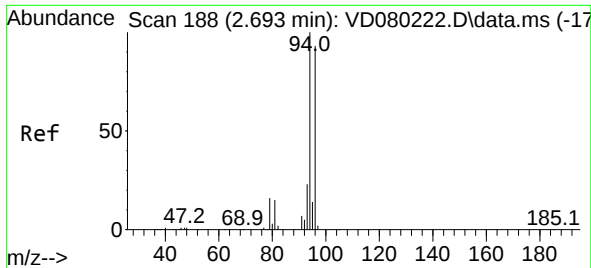
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#4
Vinyl Chloride
Concen: 5.441 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

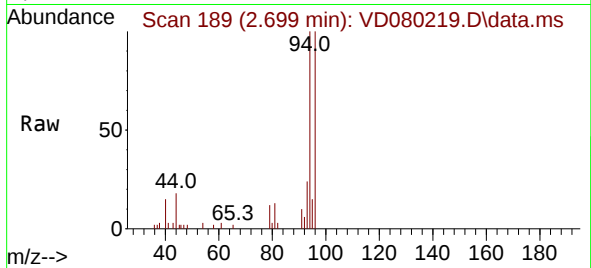
Tgt Ion: 62 Resp: 16622
Ion Ratio Lower Upper
62 100
64 33.4 24.8 37.2





#5
Bromomethane
Concen: 6.437 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

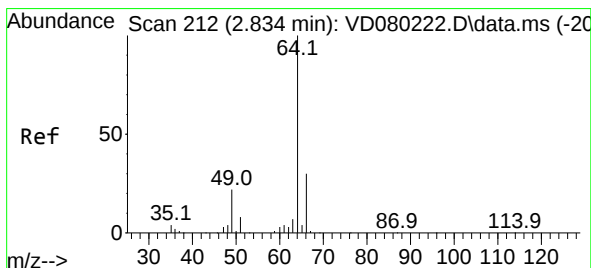
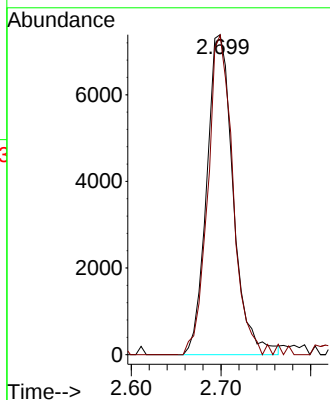
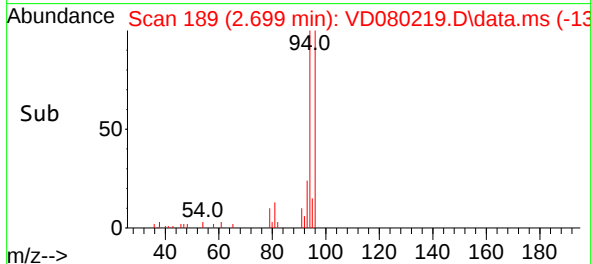
Instrument :
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VSTDICC005



Tgt Ion: 94 Resp: 1516
Ion Ratio Lower Upper
94 100
96 93.9 74.4 111.6

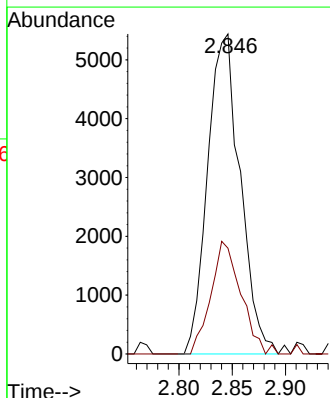
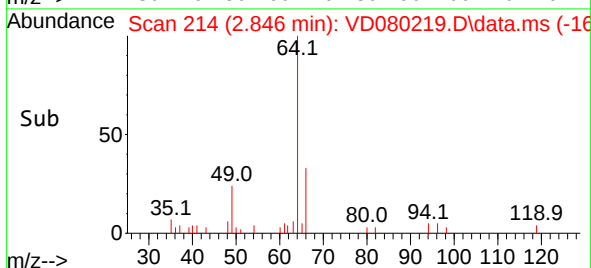
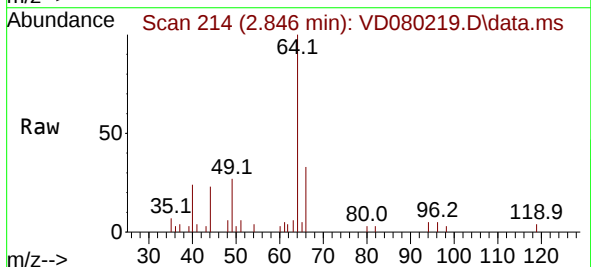
Manual Integrations
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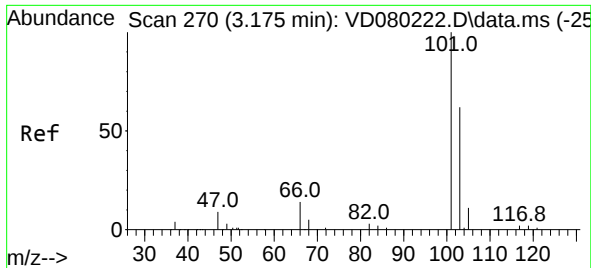
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#6
Chloroethane
Concen: 5.688 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.012 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 64 Resp: 11574
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.8





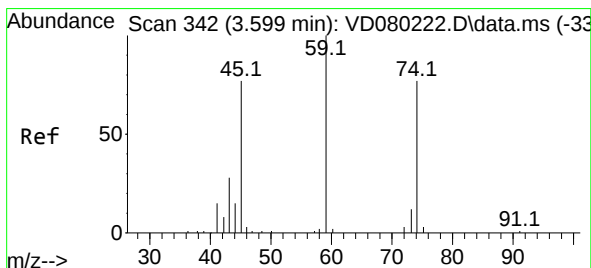
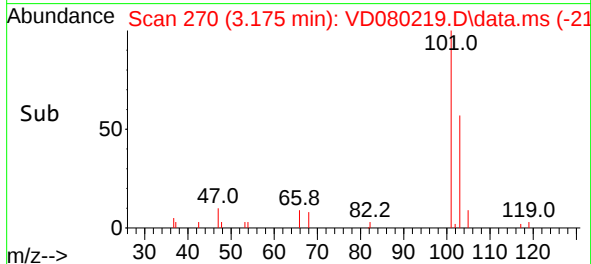
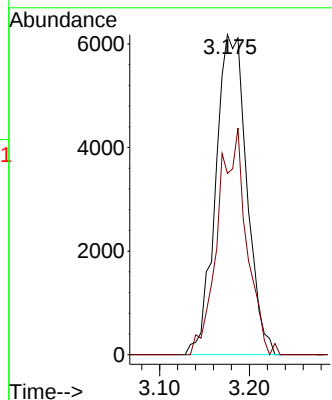
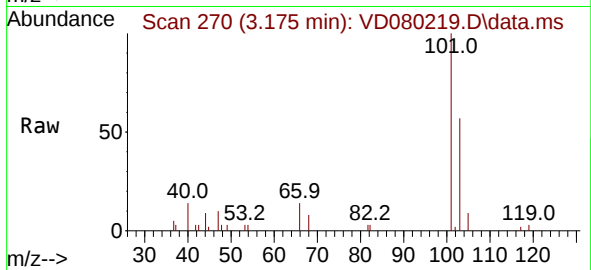
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 Trichlorofluoromethane
 Concen: 5.879 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 1488
 Ion Ratio Lower Upper
 101 100
 103 56.6 49.9 74.9

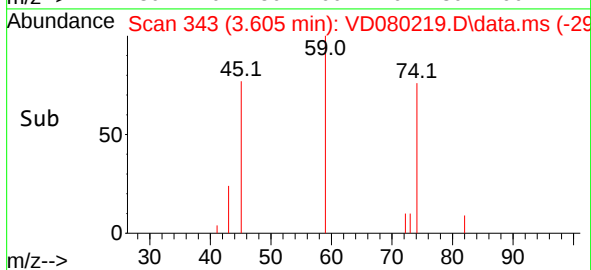
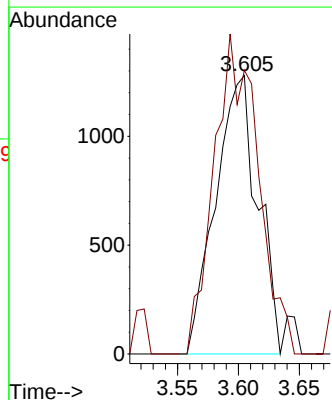
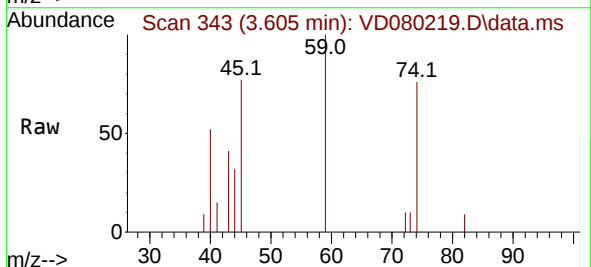
Manual Integrations
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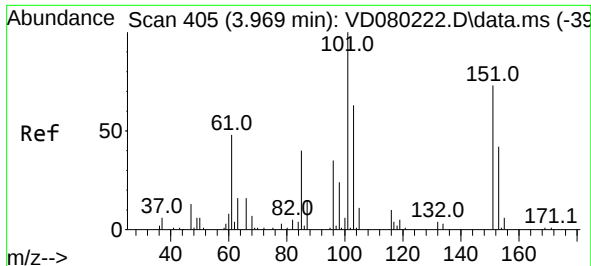
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#8
 Diethyl Ether
 Concen: 4.463 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Tgt Ion: 74 Resp: 3091
 Ion Ratio Lower Upper
 74 100
 45 119.6 51.0 153.1





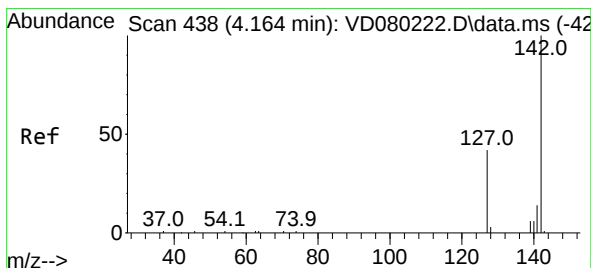
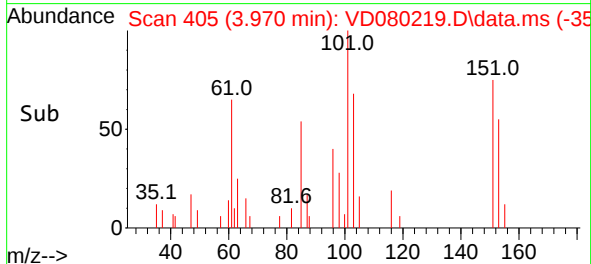
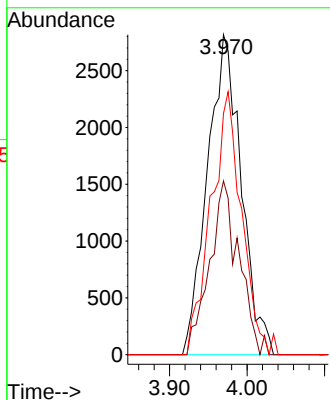
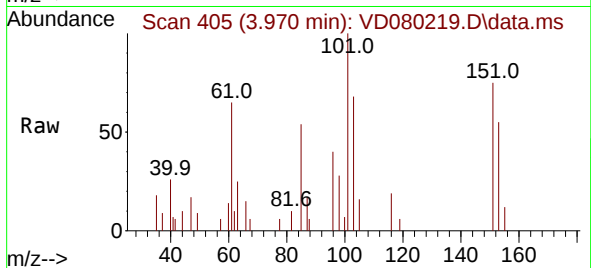
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.830 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 854
Ion Ratio Lower Upper
101 100
85 47.2 36.2 54.4
151 74.0 59.0 88.6

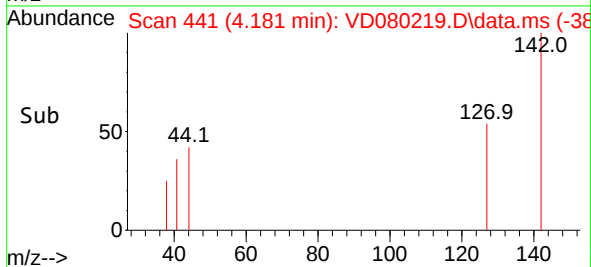
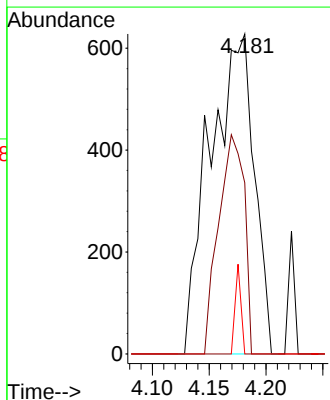
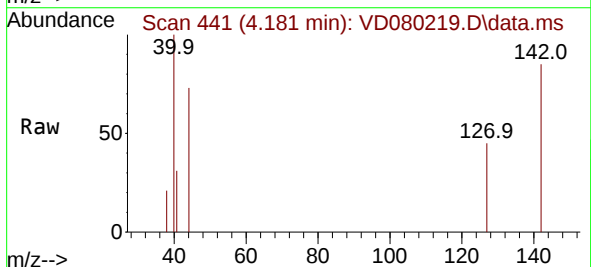
Manual Integrations
APPROVED

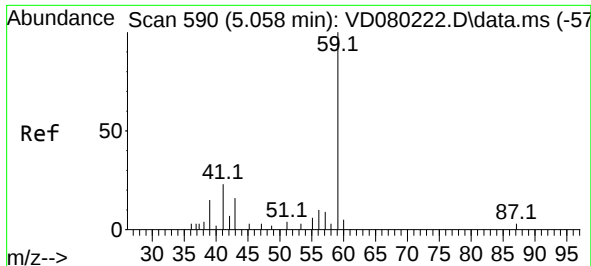
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#10
Methyl Iodide
Concen: 5.544 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.017 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

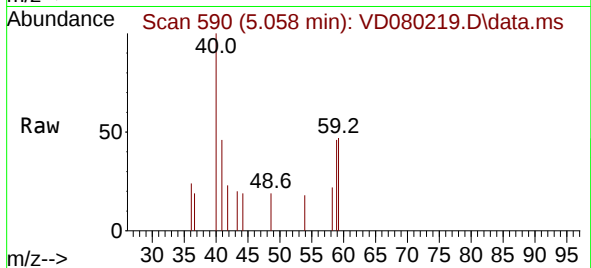
Tgt Ion:142 Resp: 1693
Ion Ratio Lower Upper
142 100
127 39.9 35.4 53.2
141 3.7 12.6 18.8#





#11
Tert butyl alcohol
Concen: 25.832 ug/l m
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

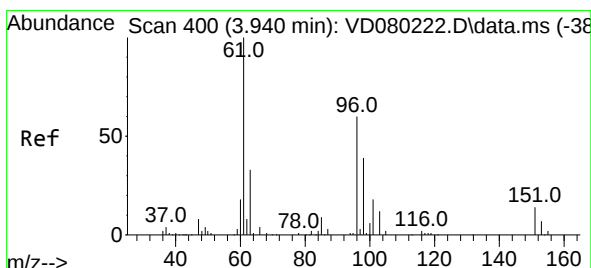
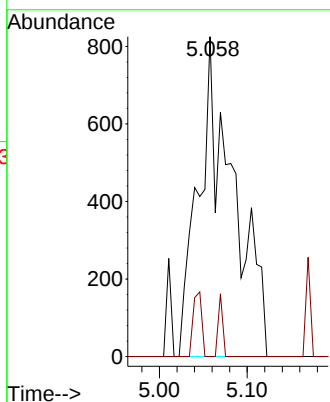
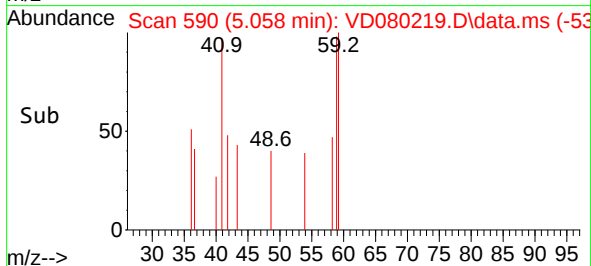
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



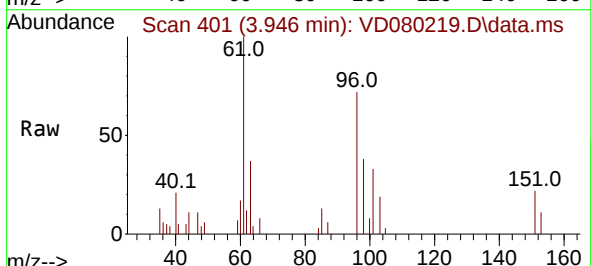
Tgt Ion: 59 Resp: 2250
Ion Ratio Lower Upper
59 100
57 5.0 7.2 10.8

Manual Integrations
APPROVED

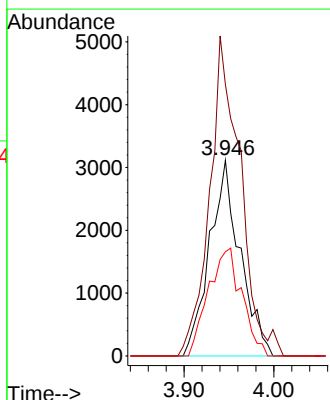
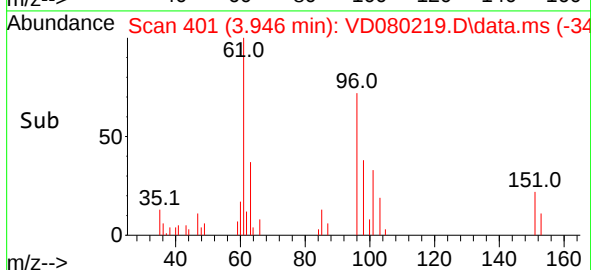
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

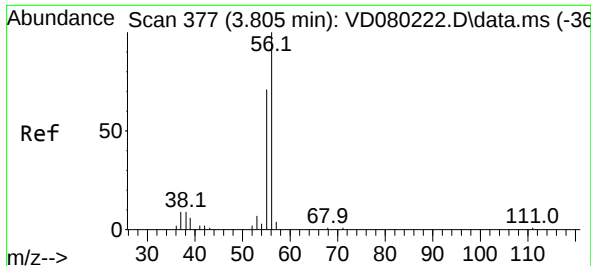


#12
1,1-Dichloroethene
Concen: 5.312 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



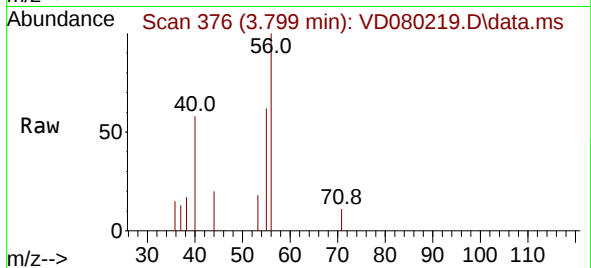
Tgt Ion: 96 Resp: 7374
Ion Ratio Lower Upper
96 100
61 138.7 133.8 200.6
98 53.2 52.2 78.2





#13
Acrolein
Concen: 22.005 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

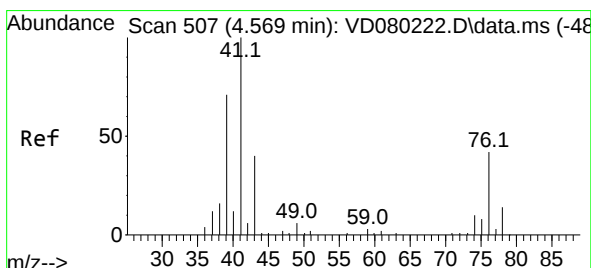
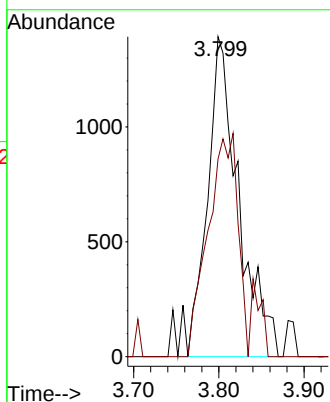
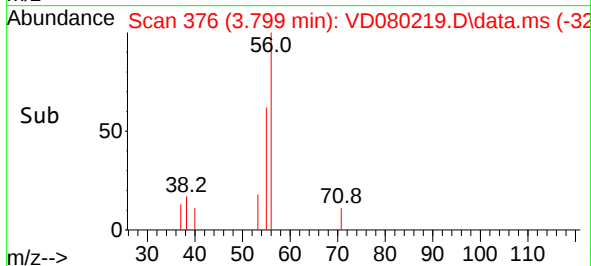
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 3614
Ion Ratio Lower Upper
56 100
55 65.3 57.8 86.8

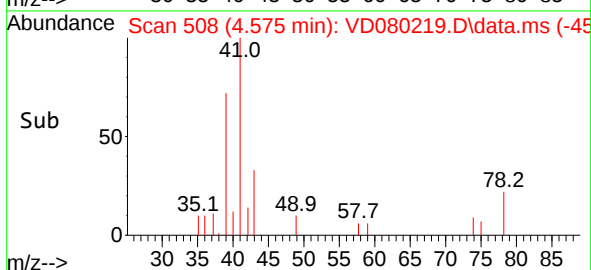
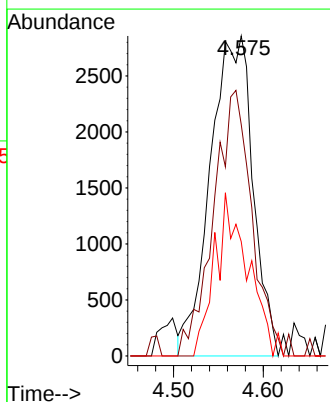
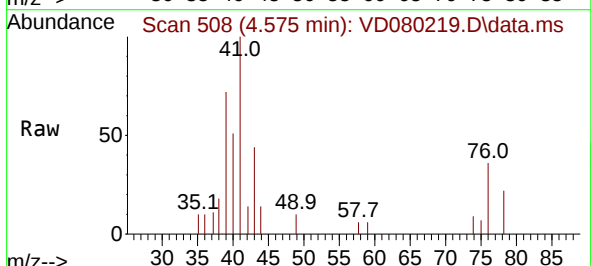
Manual Integrations
APPROVED

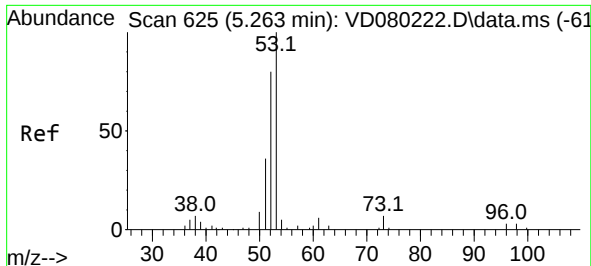
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#14
Allyl chloride
Concen: 4.400 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

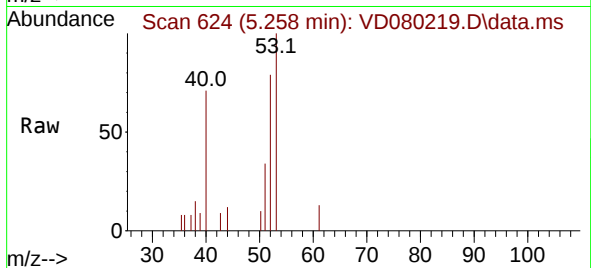
Tgt Ion: 41 Resp: 9413
Ion Ratio Lower Upper
41 100
39 74.5 55.0 82.4
76 39.5 31.0 46.4





#15
Acrylonitrile
Concen: 21.356 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

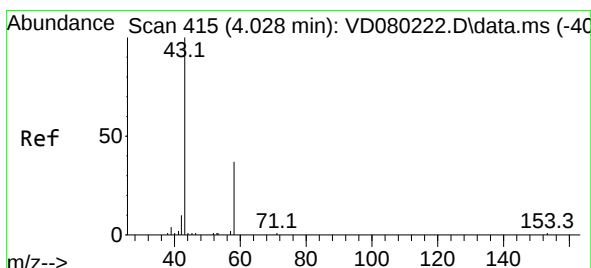
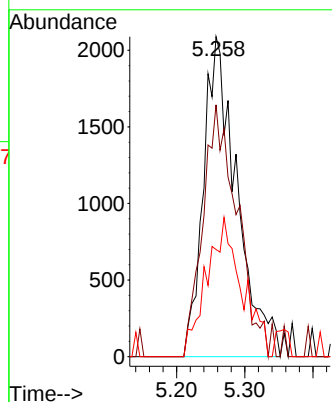
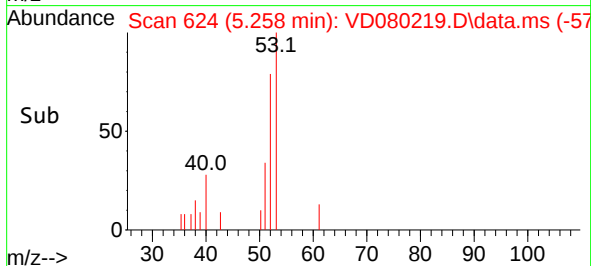
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 7100
Ion Ratio Lower Upper
53 100
52 81.7 65.9 98.9
51 45.7 30.1 45.1

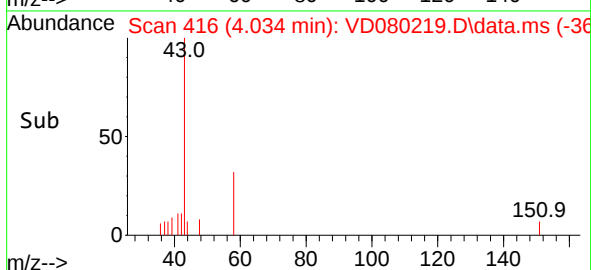
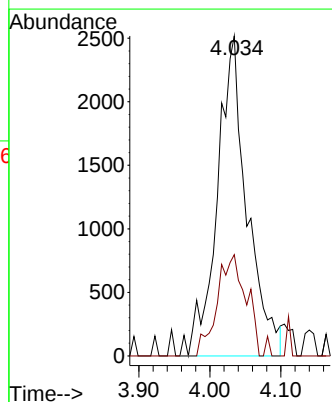
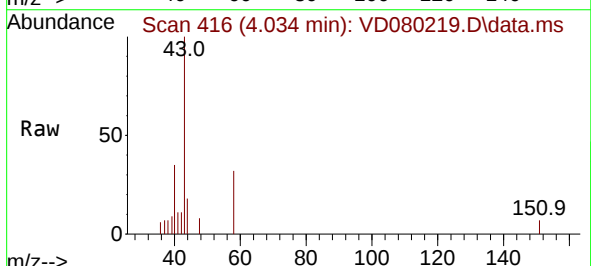
Manual Integrations
APPROVED

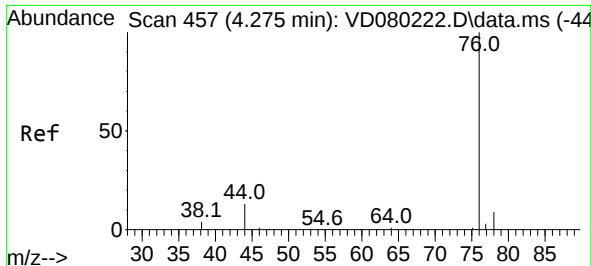
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#16
Acetone
Concen: 28.982 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

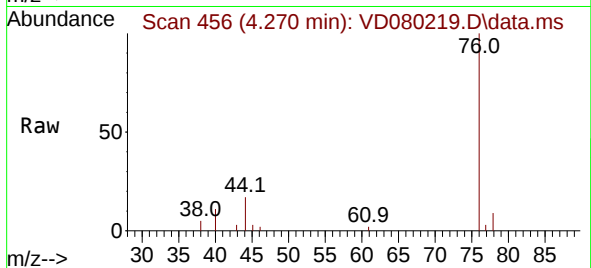
Tgt Ion: 43 Resp: 7365
Ion Ratio Lower Upper
43 100
58 31.7 29.5 44.3





#17
Carbon Disulfide
Concen: 5.549 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

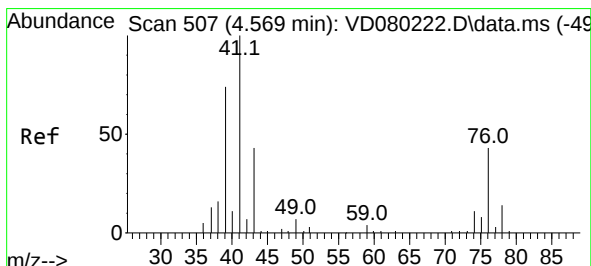
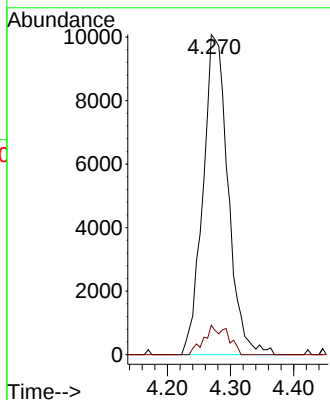
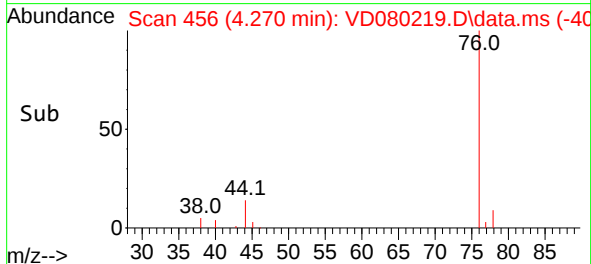
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 2778
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

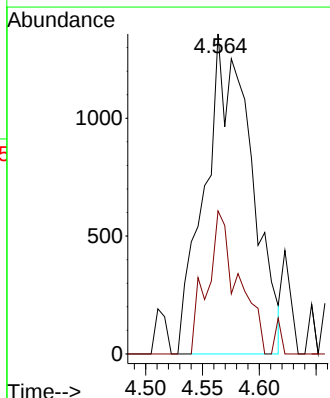
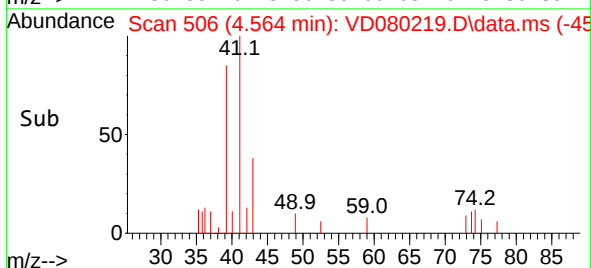
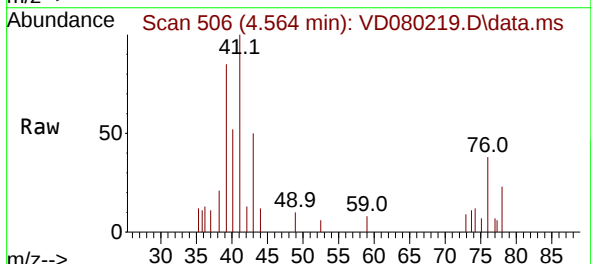
Manual Integrations
APPROVED

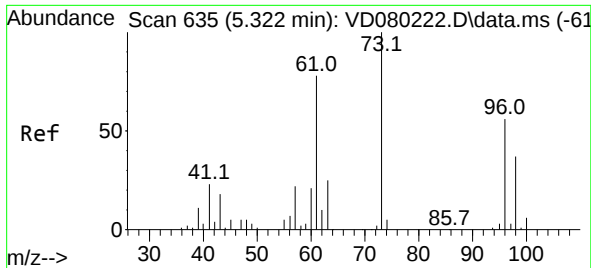
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#18
Methyl Acetate
Concen: 4.496 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 43 Resp: 3855
Ion Ratio Lower Upper
43 100
74 30.1 19.4 29.2#





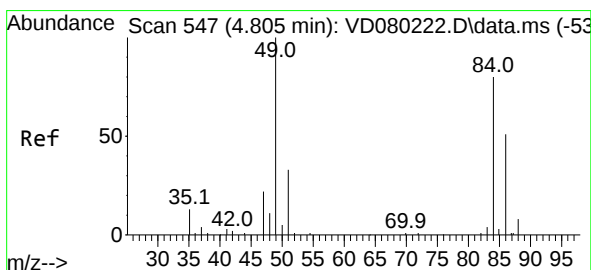
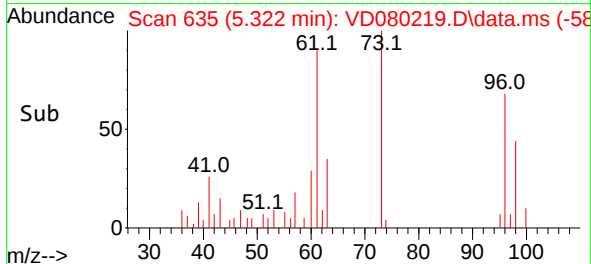
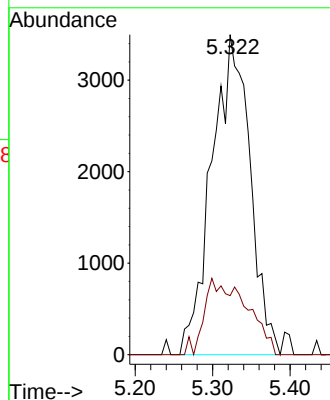
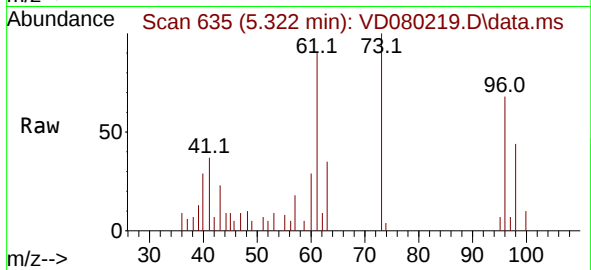
#19
Methyl tert-butyl Ether
Concen: 3.929 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1200
Ion Ratio Lower Upper
73 100
57 18.5 17.8 26.8

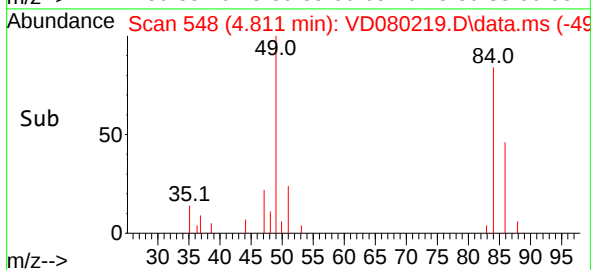
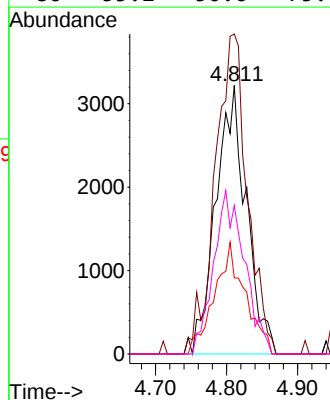
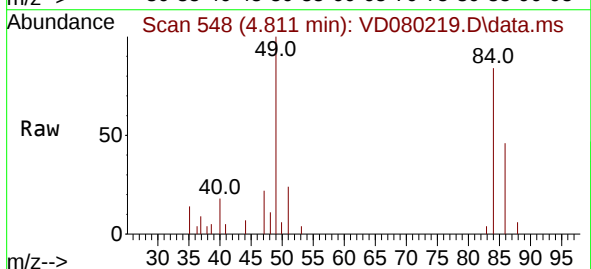
Manual Integrations
APPROVED

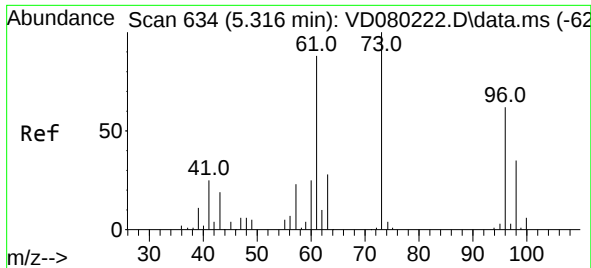
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#20
Methylene Chloride
Concen: 5.586 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 84 Resp: 9634
Ion Ratio Lower Upper
84 100
49 119.2 99.4 149.2
51 28.3 32.6 49.0#
86 55.2 50.6 75.8





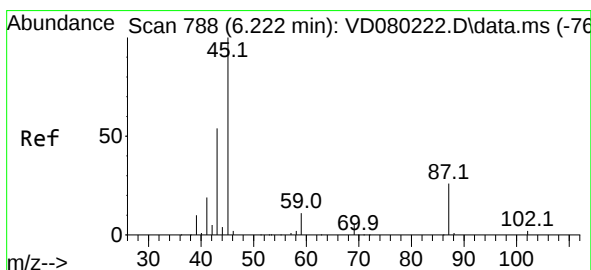
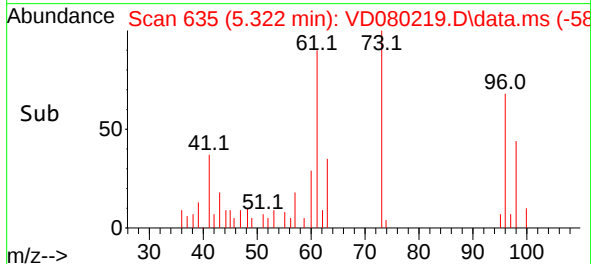
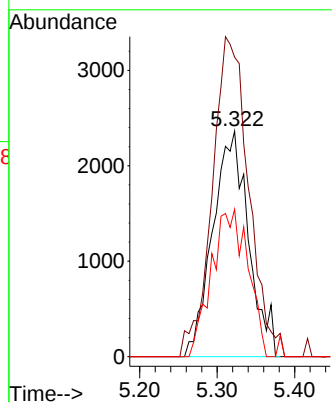
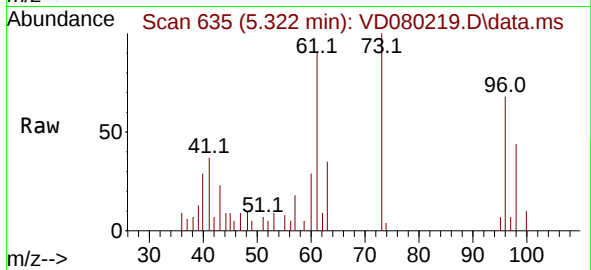
#21
trans-1,2-Dichloroethene
Concen: 4.797 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 756
Ion Ratio Lower Upper
96 100
61 132.7 113.7 170.5
98 65.3 45.4 68.2

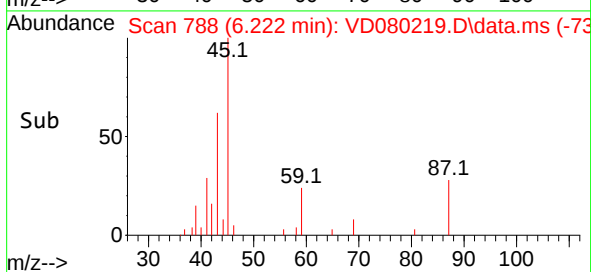
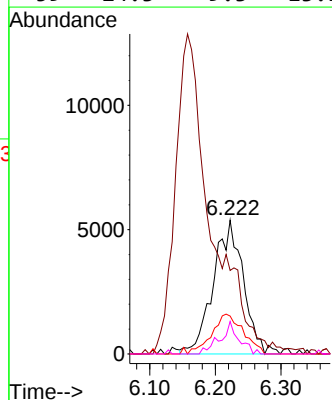
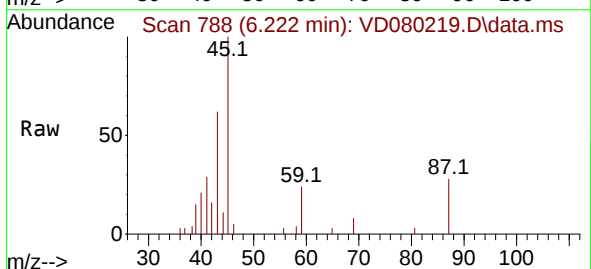
Manual Integrations
APPROVED

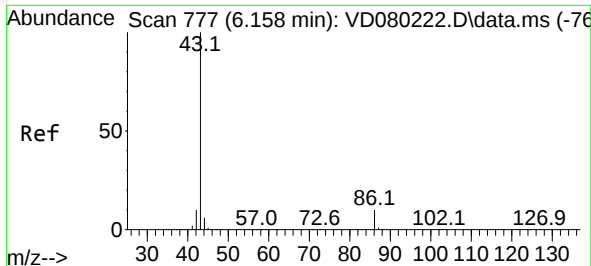
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#22
Diisopropyl ether
Concen: 3.854 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 45 Resp: 17160
Ion Ratio Lower Upper
45 100
43 57.3 44.3 66.5
87 28.3 20.5 30.7
59 24.3 9.3 13.9#





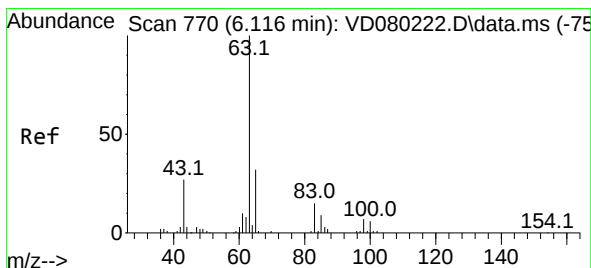
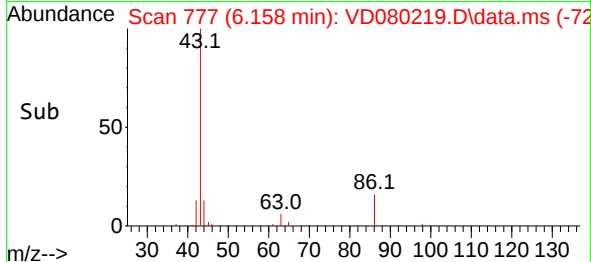
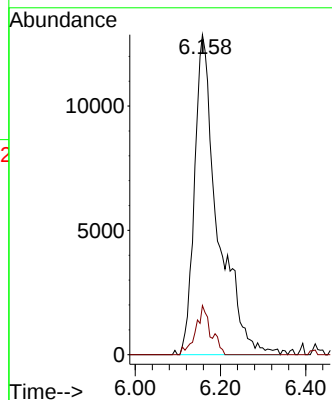
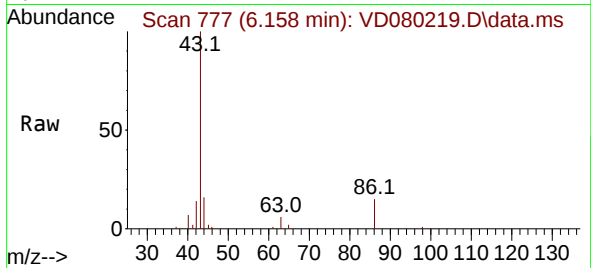
#23
 Vinyl Acetate
 Concen: 18.904 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 48590
 Ion Ratio Lower Upper
 43 100
 86 15.3 8.1 12.1

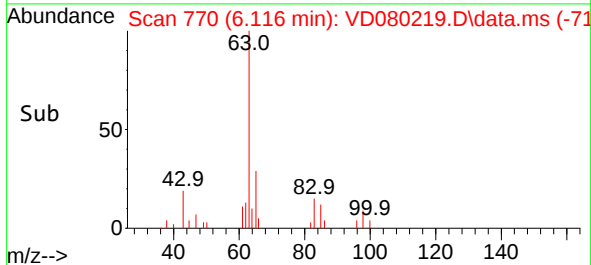
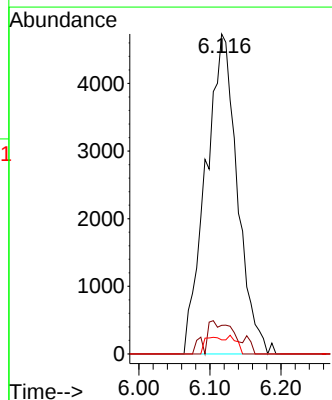
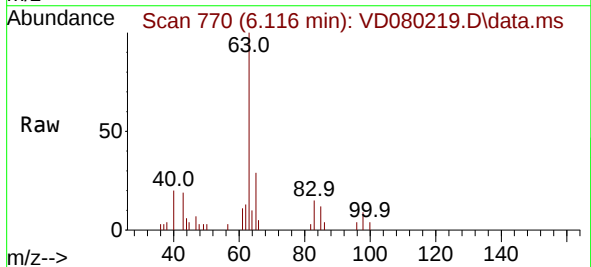
Manual Integrations
 APPROVED

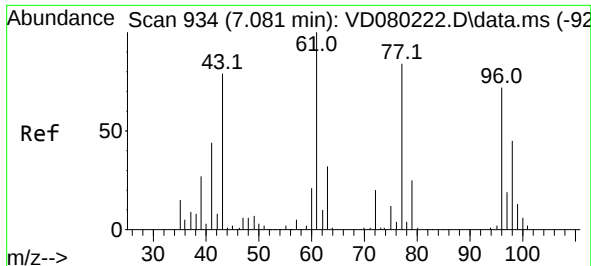
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#24
 1,1-Dichloroethane
 Concen: 5.010 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

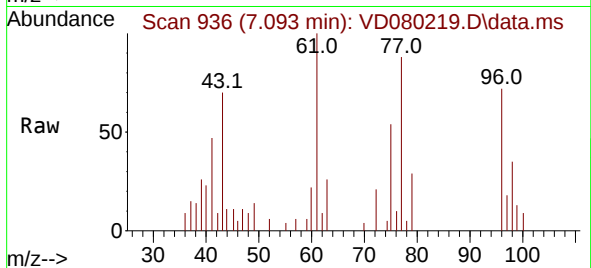
Tgt Ion: 63 Resp: 14623
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.5 10.5
 100 4.4 2.8 8.4





#25
2-Butanone
Concen: 20.790 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

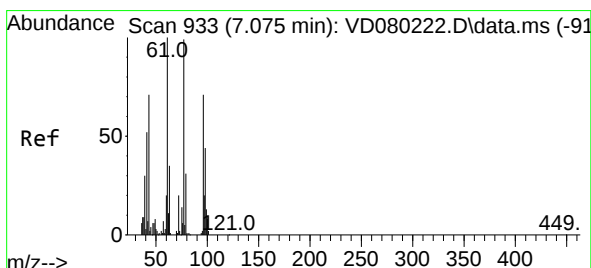
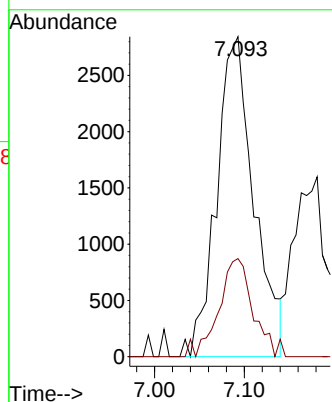
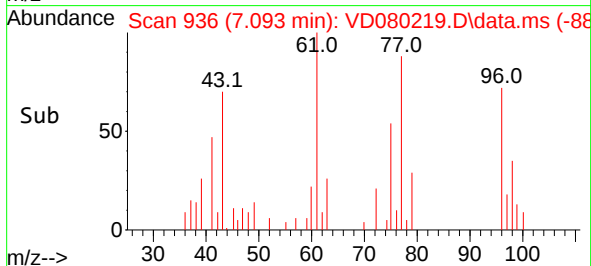
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



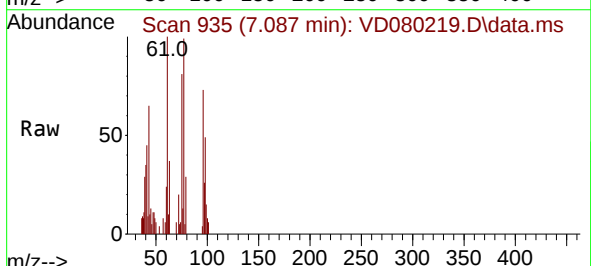
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
72 30.7 19.9 29.9

Manual Integrations
APPROVED

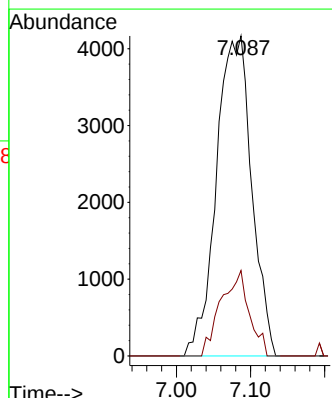
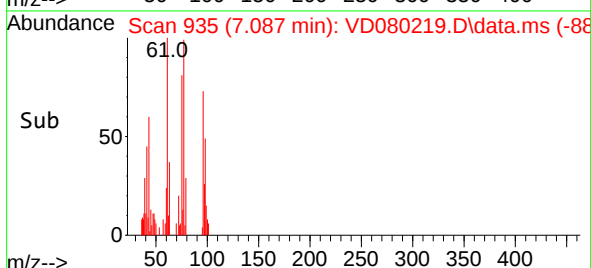
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

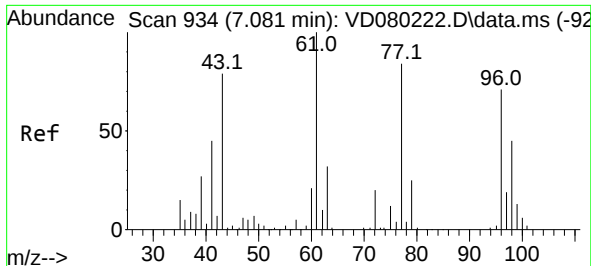


#26
2,2-Dichloropropane
Concen: 5.445 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion: 77 Resp: 13782
Ion Ratio Lower Upper
77 100
97 21.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 4.653 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

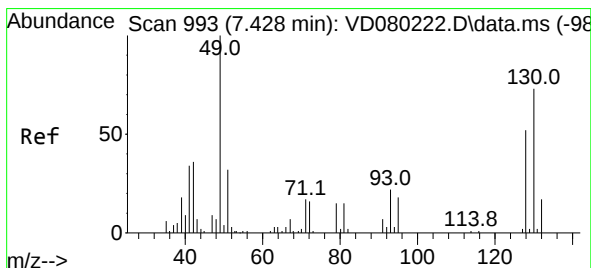
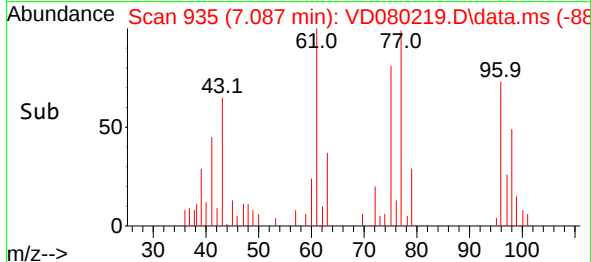
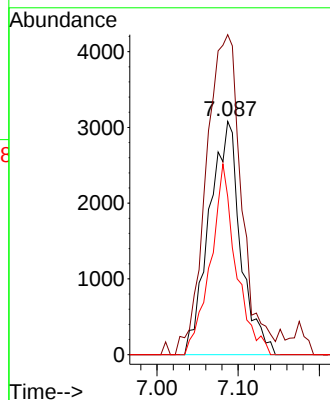
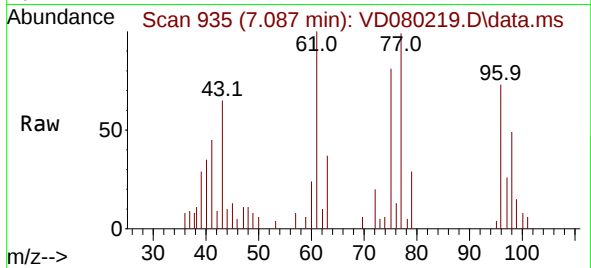
Tgt Ion: 96 Resp: 828

Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	297.4
98	66.3	0.0	131.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#28

Bromochloromethane

Concen: 5.275 ug/l

RT: 7.428 min Scan# 993

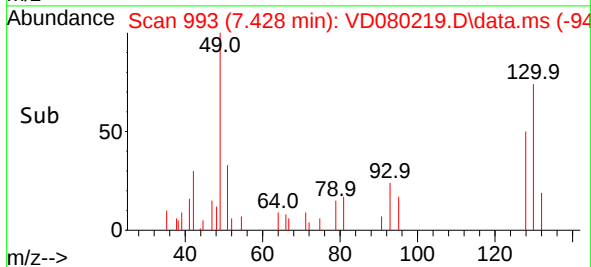
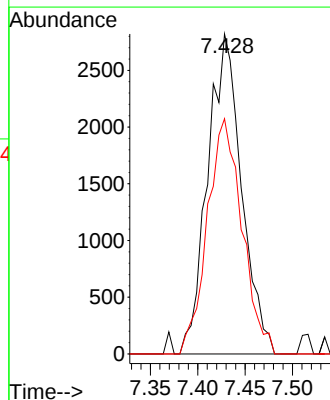
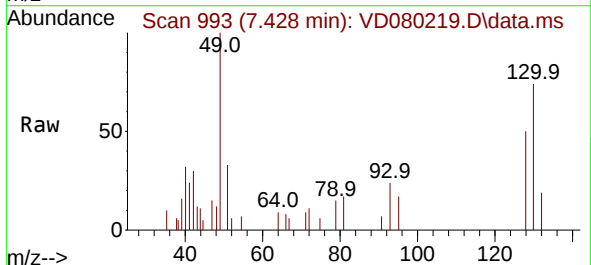
Delta R.T. 0.000 min

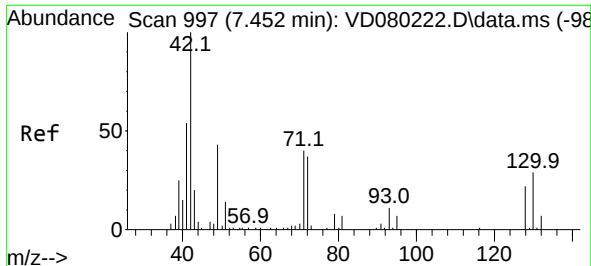
Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Tgt Ion: 49 Resp: 7025

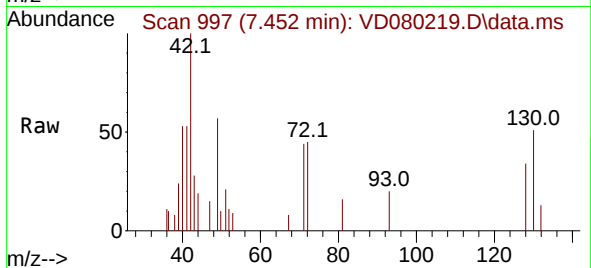
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.8
130	75.3	55.3	82.9





#29
Tetrahydrofuran
Concen: 19.882 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

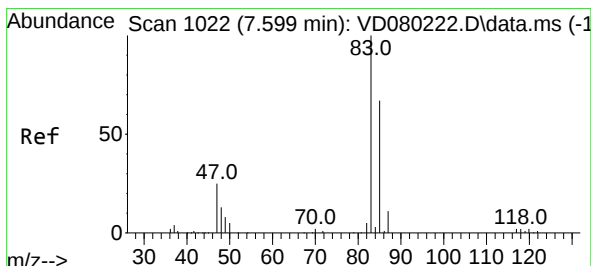
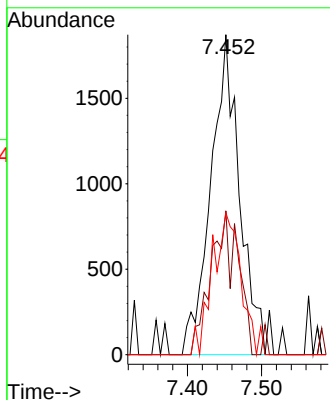
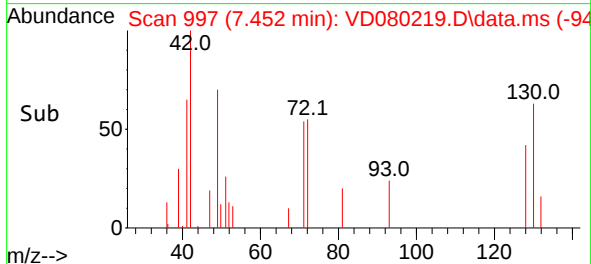
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



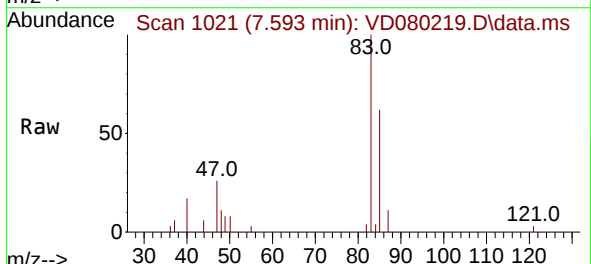
Tgt Ion: 42 Resp: 513
Ion Ratio Lower Upper
42 100
72 20.3 33.5 50.3
71 43.8 32.9 49.3

Manual Integrations
APPROVED

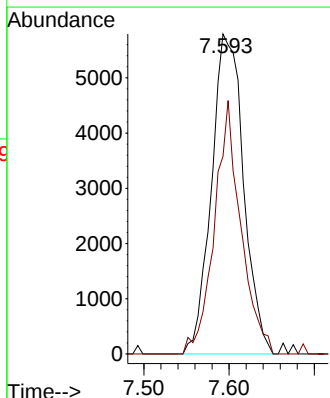
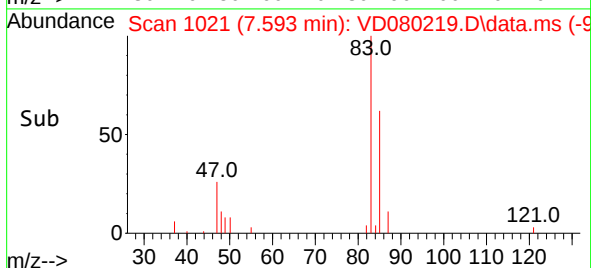
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

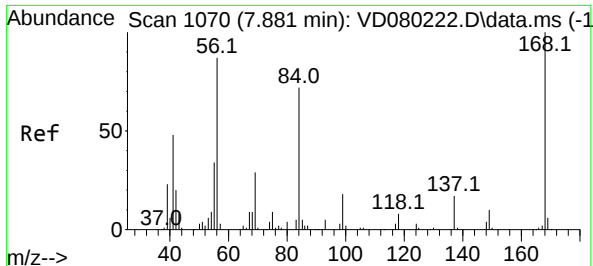


#30
Chloroform
Concen: 5.076 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



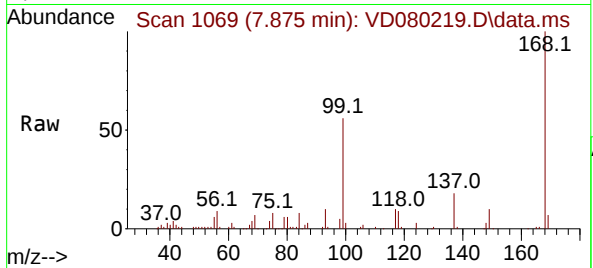
Tgt Ion: 83 Resp: 15145
Ion Ratio Lower Upper
83 100
85 61.7 53.7 80.5





#31
Cyclohexane
Concen: 5.223 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

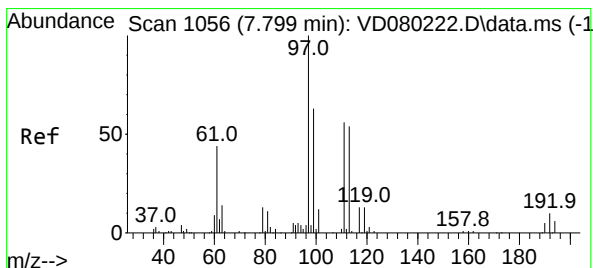
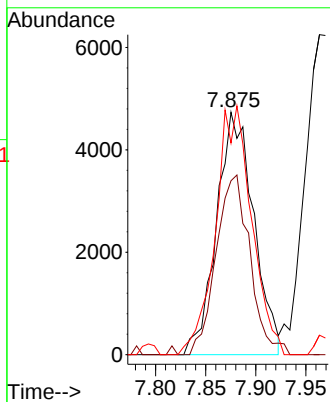
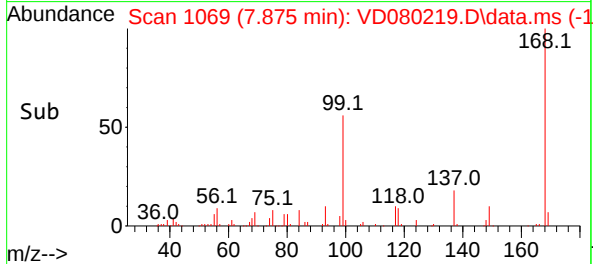
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



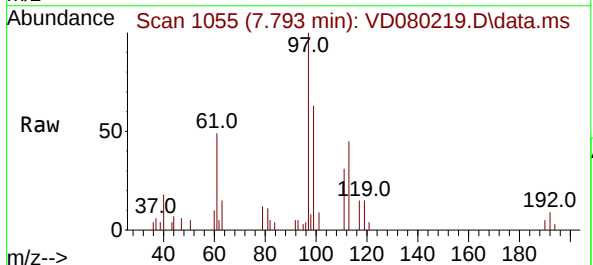
Tgt Ion: 56 Resp: 1220
Ion Ratio Lower Upper
56 100
69 71.8 27.0 40.4
84 87.3 66.3 99.5

Manual Integrations
APPROVED

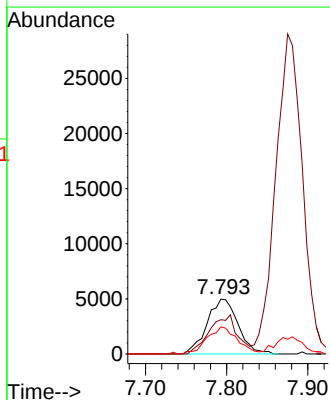
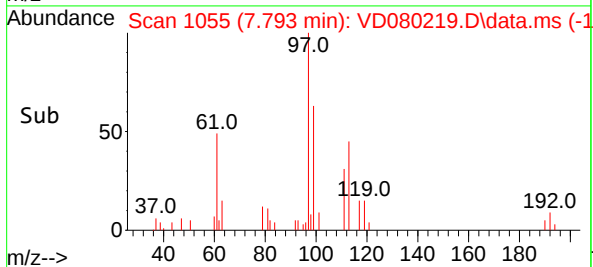
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

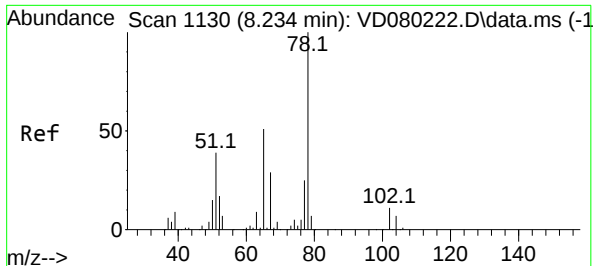


#32
1,1,1-Trichloroethane
Concen: 5.279 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion: 97 Resp: 13177
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 47.7 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 5.261 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 8290

Ion Ratio Lower Upper

65 100

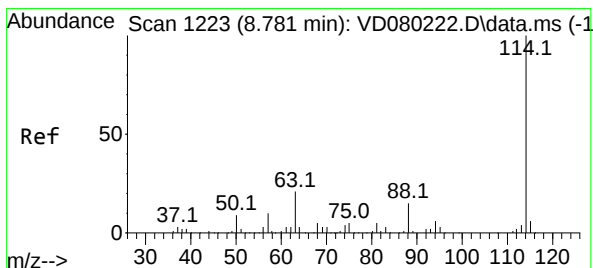
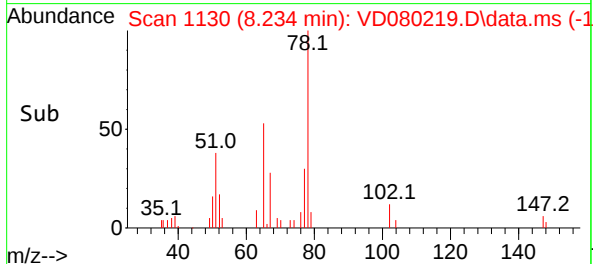
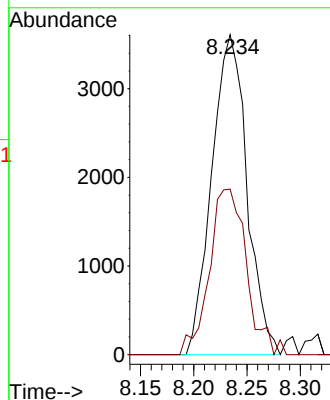
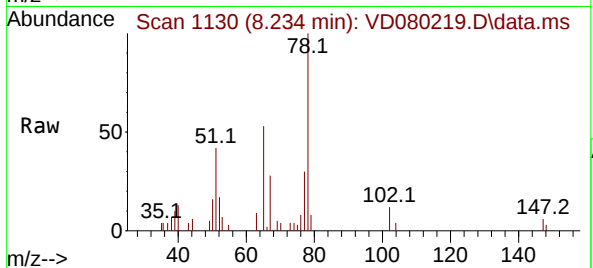
67 54.4 0.0 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

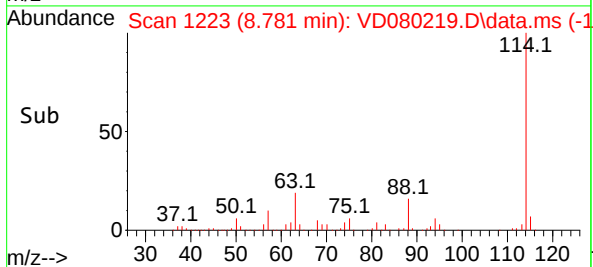
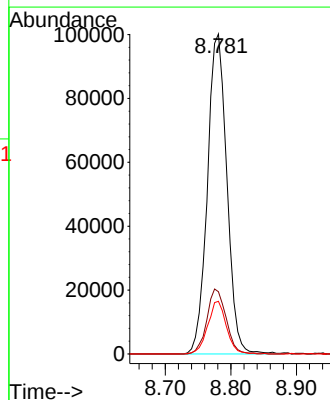
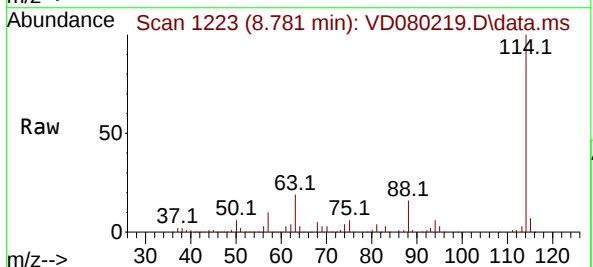
Tgt Ion:114 Resp: 206585

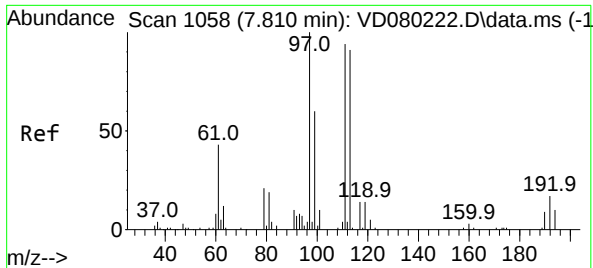
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.8

88 16.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 5.176 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

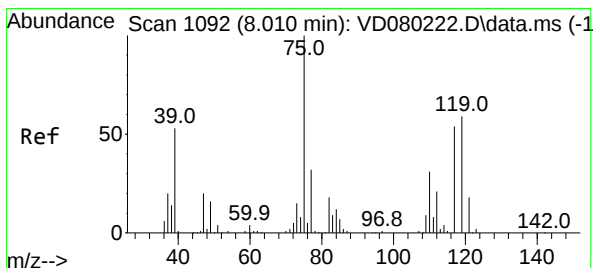
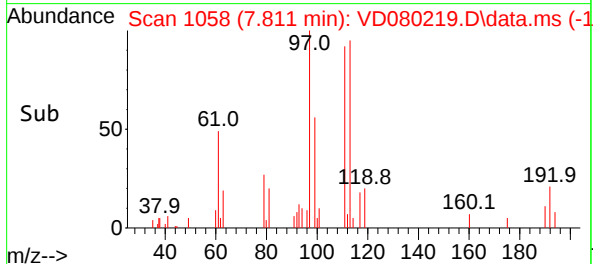
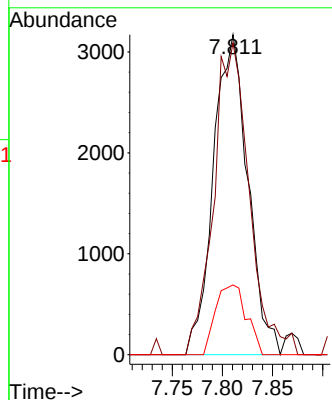
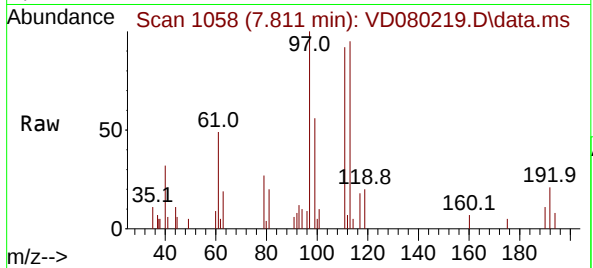
VSTDIC005

Tgt Ion:	113	Resp:	7578
Ion	Ratio	Lower	Upper
113	100		
111	100.8	85.0	127.4
192	19.5	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#36

1,1-Dichloropropene

Concen: 4.800 ug/l

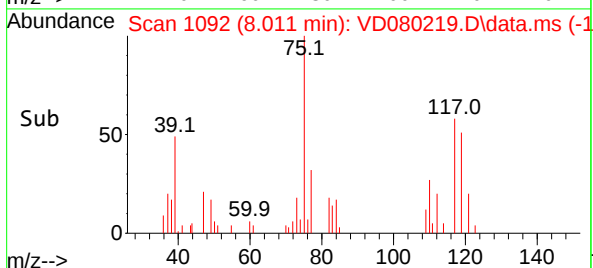
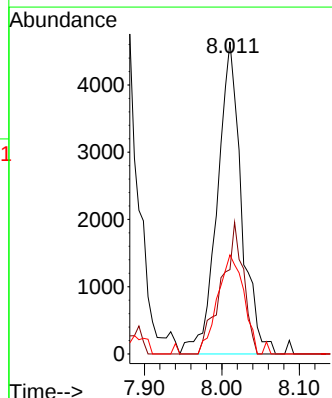
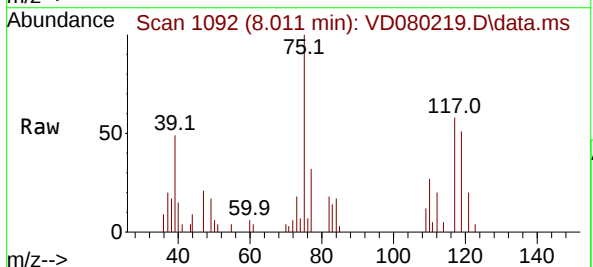
RT: 8.011 min Scan# 1092

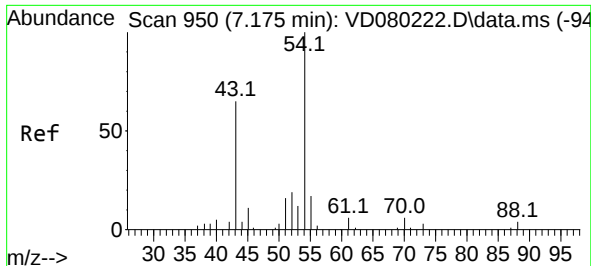
Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

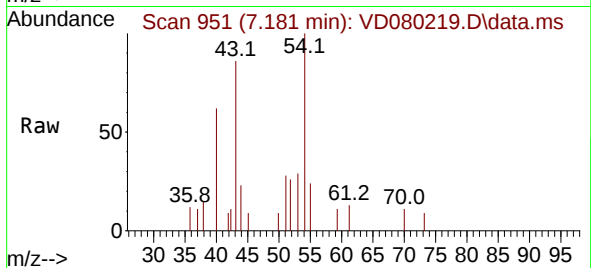
Tgt Ion:	75	Resp:	10067
Ion	Ratio	Lower	Upper
75	100		
110	38.3	17.1	51.2
77	34.2	25.6	38.4





#37
Ethyl Acetate
Concen: 4.324 ug/l
RT: 7.181 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

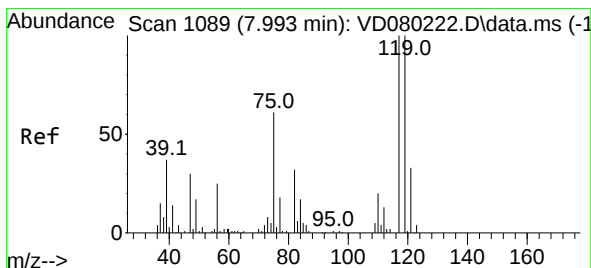
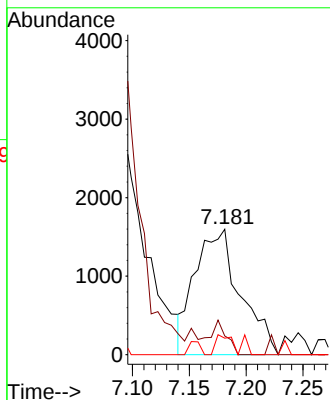
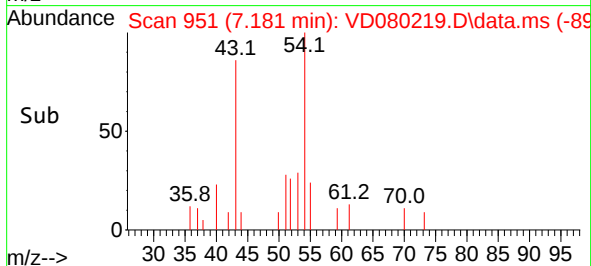
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
61 8.6 11.4 17.0
70 5.5 8.2 12.2

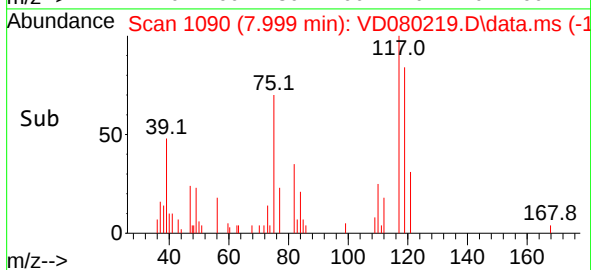
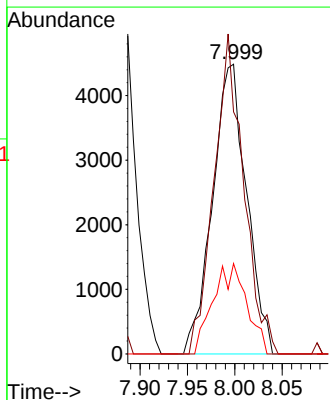
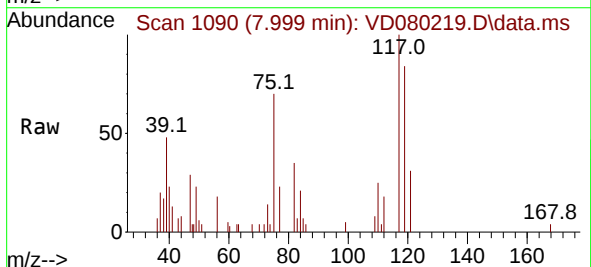
Manual Integrations
APPROVED

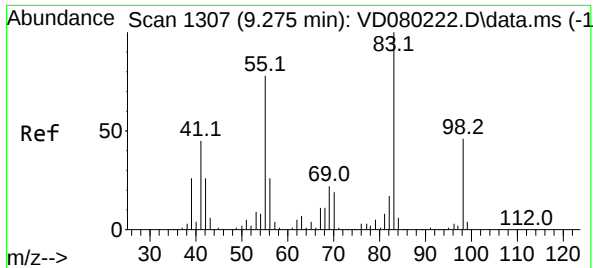
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#38
Carbon Tetrachloride
Concen: 5.135 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:117 Resp: 11247
Ion Ratio Lower Upper
117 100
119 83.5 79.8 119.6
121 31.2 26.6 39.8





#39
Methylcyclohexane
Concen: 4.602 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

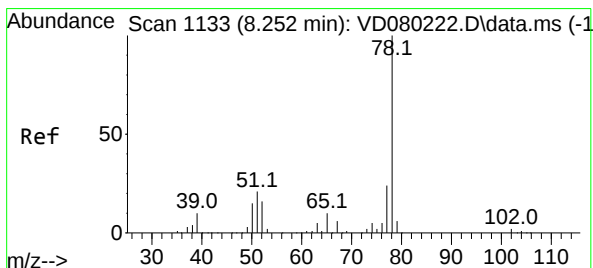
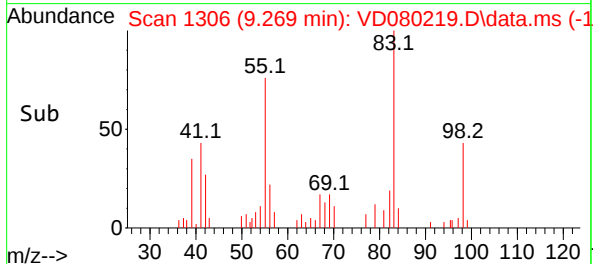
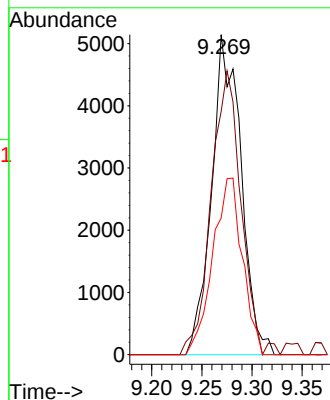
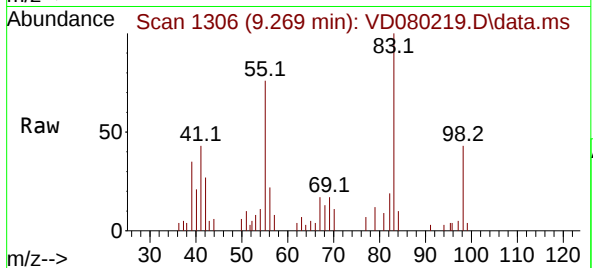
VSTDIC005

Tgt Ion: 83 Resp: 10484
Ion Ratio Lower Upper
83 100
55 76.0 62.5 93.7
98 42.7 37.1 55.7

Manual Integrations

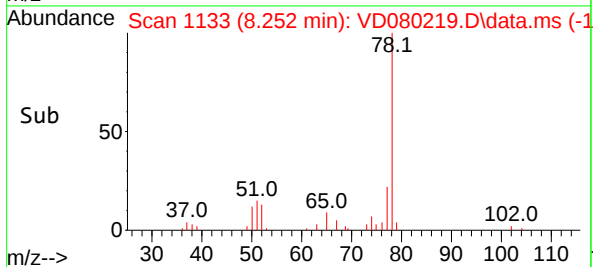
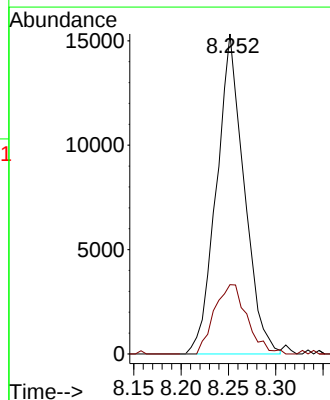
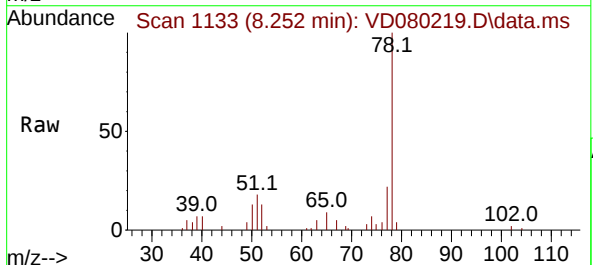
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#40
Benzene
Concen: 4.732 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

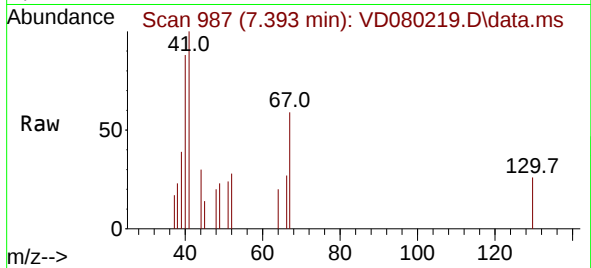
Tgt Ion: 78 Resp: 31105
Ion Ratio Lower Upper
78 100
77 21.7 19.2 28.8





#41
Methacrylonitrile
Concen: 3.733 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.012 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

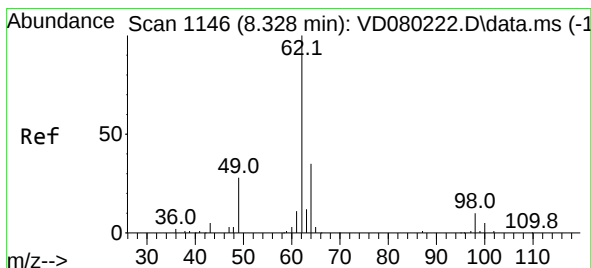
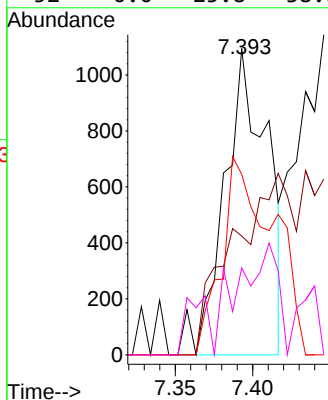
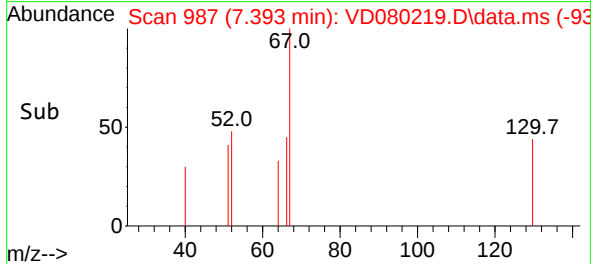
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 2110
Ion Ratio Lower Upper
41 100
39 0.0 44.7 67.1
67 76.8 55.0 82.4
52 0.0 25.8 38.8#

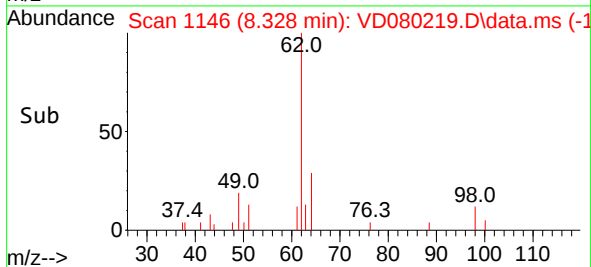
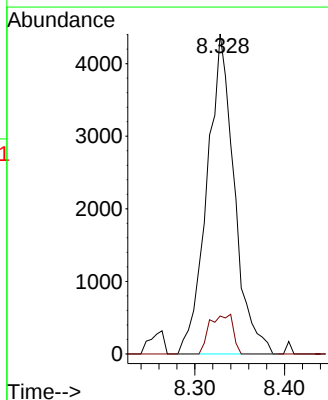
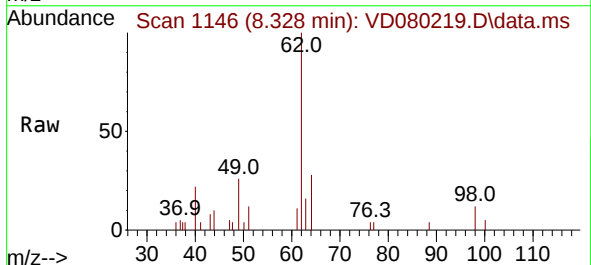
Manual Integrations
APPROVED

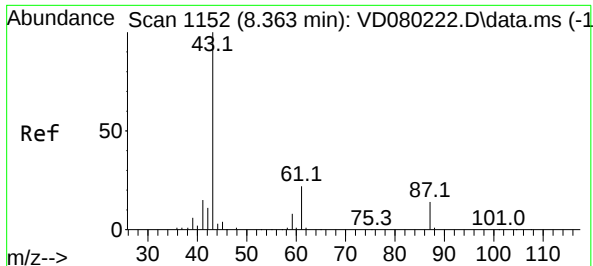
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#42
1,2-Dichloroethane
Concen: 4.981 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

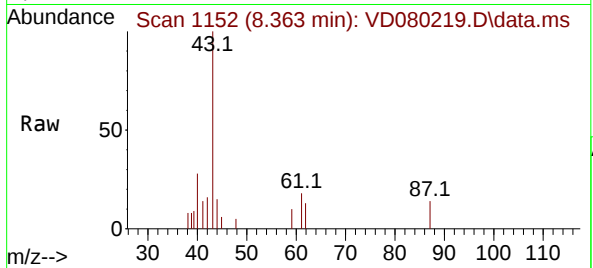
Tgt Ion: 62 Resp: 9317
Ion Ratio Lower Upper
62 100
98 10.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 4.150 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

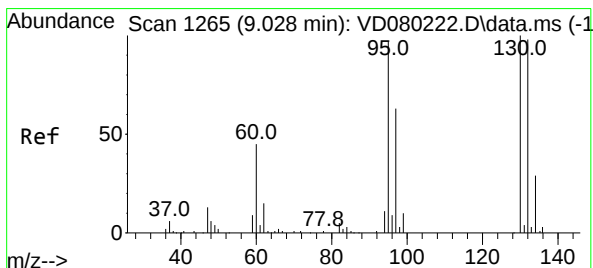
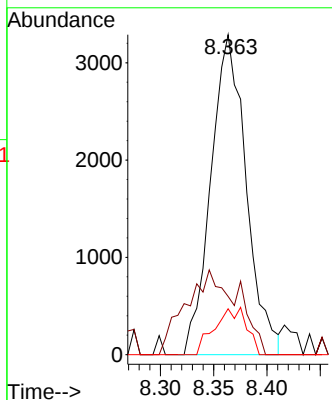
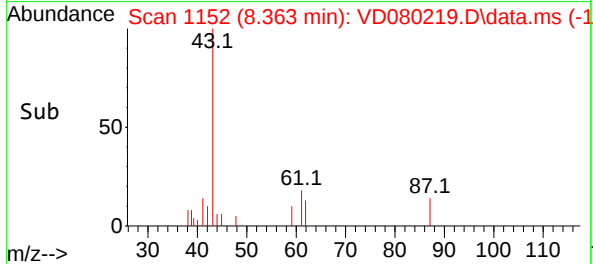
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



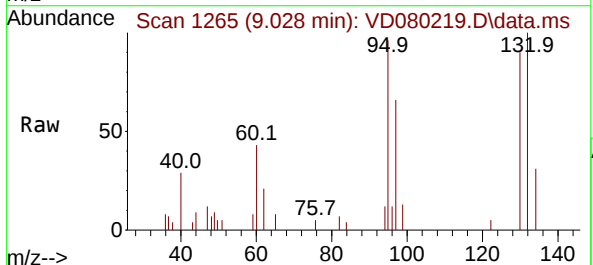
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.4
87 13.3 10.7 16.1

Manual Integrations
APPROVED

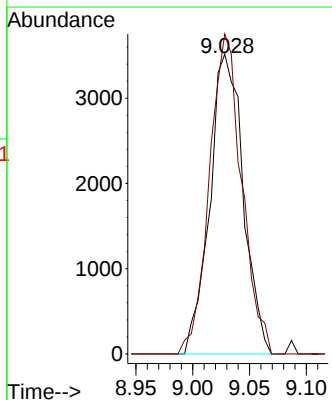
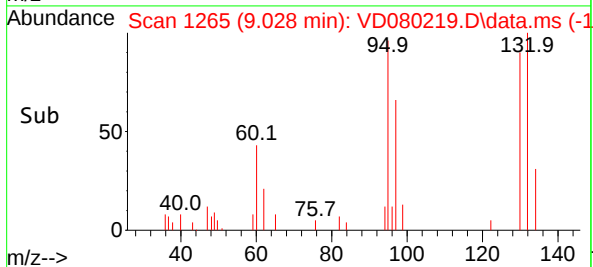
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

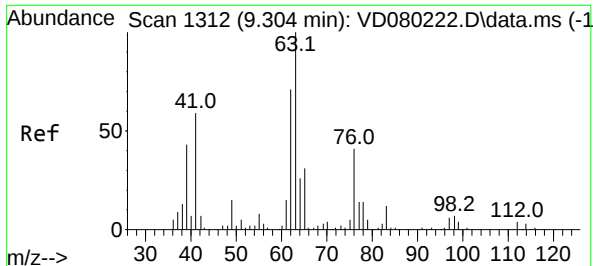


#44
Trichloroethene
Concen: 4.718 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion:130 Resp: 7165
Ion Ratio Lower Upper
130 100
95 106.7 0.0 194.2





#45

1,2-Dichloropropane

Concen: 5.007 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 8278

Ion Ratio Lower Upper

63 100

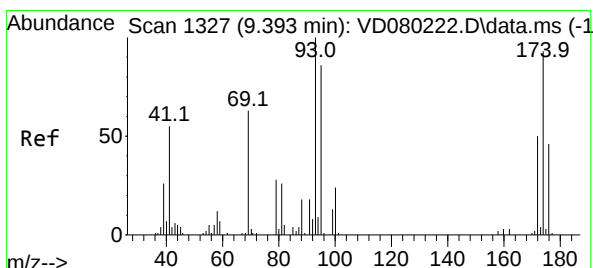
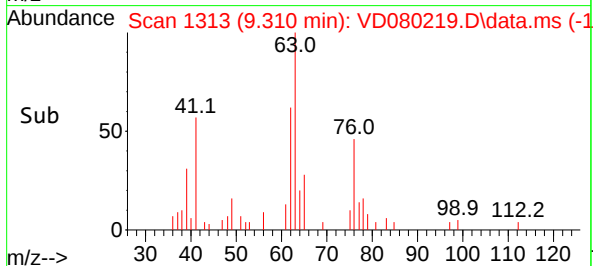
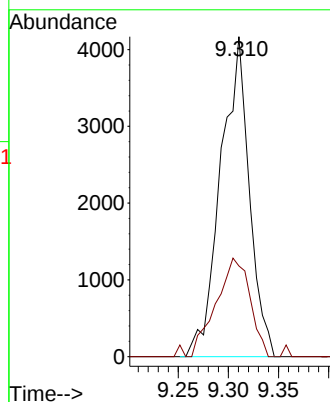
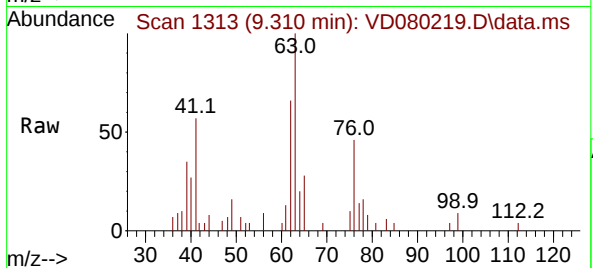
65 28.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#46

Dibromomethane

Concen: 5.049 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

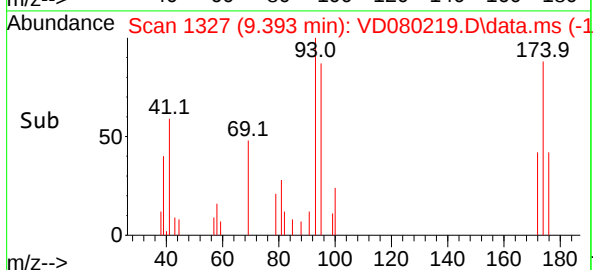
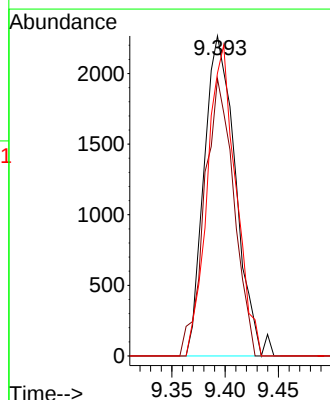
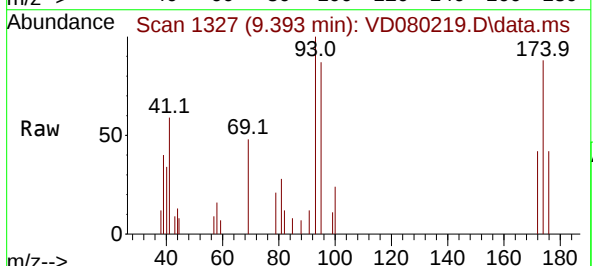
Tgt Ion: 93 Resp: 4651

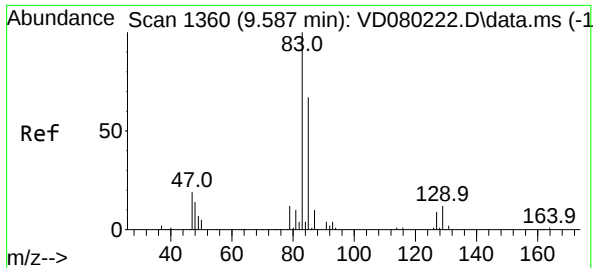
Ion Ratio Lower Upper

93 100

95 80.9 66.8 100.2

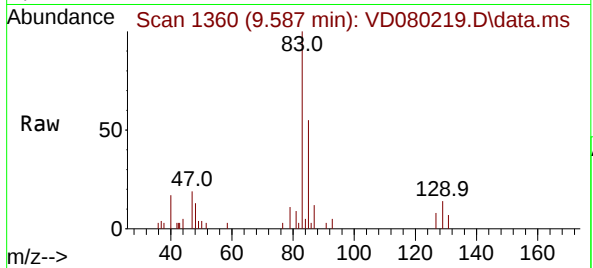
174 88.4 76.8 115.2





#47
Bromodichloromethane
Concen: 5.127 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

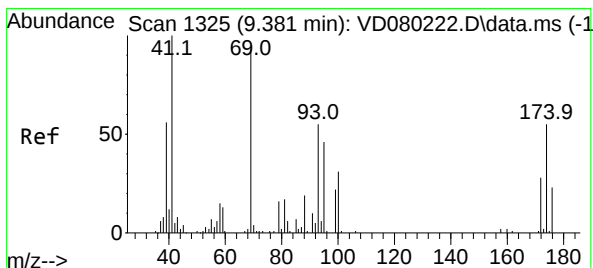
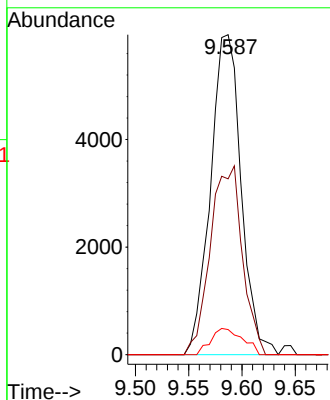
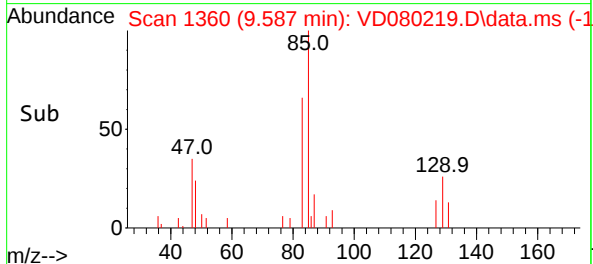
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



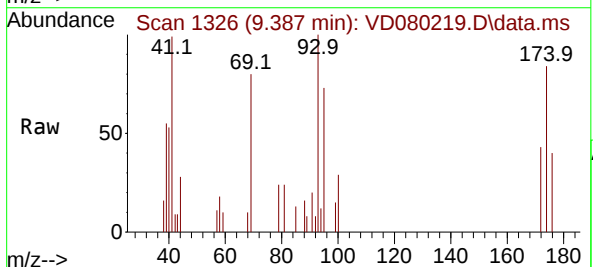
Tgt Ion: 83 Resp: 11910
Ion Ratio Lower Upper
83 100
85 55.0 53.6 80.4
127 7.9 7.4 11.2

Manual Integrations
APPROVED

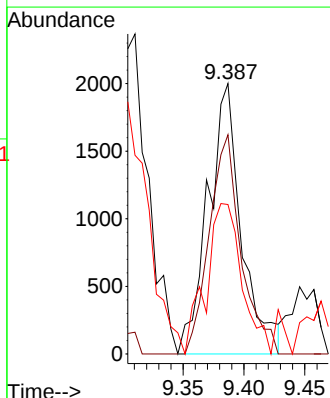
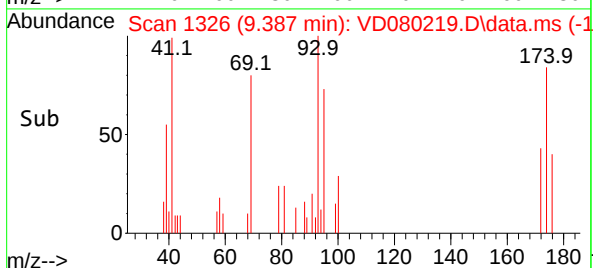
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

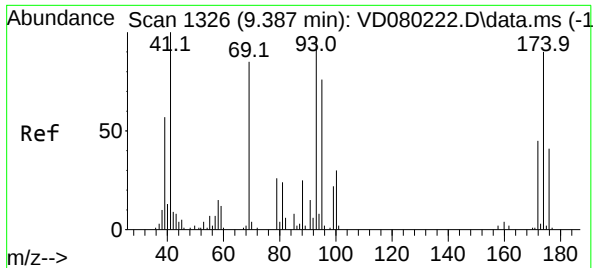


#48
Methyl methacrylate
Concen: 4.541 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



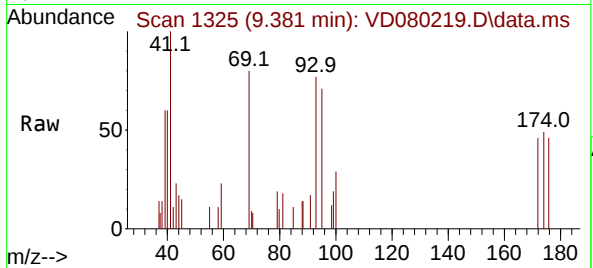
Tgt Ion: 41 Resp: 3835
Ion Ratio Lower Upper
41 100
69 76.7 73.7 110.5
39 59.0 49.4 74.2





#49
1,4-Dioxane
Concen: 71.552 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

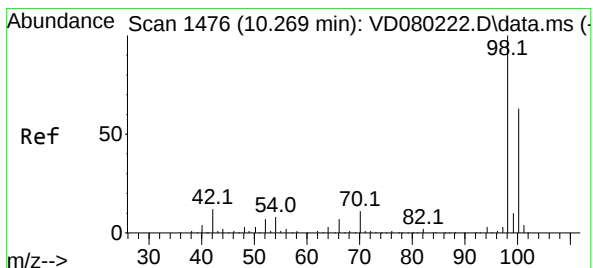
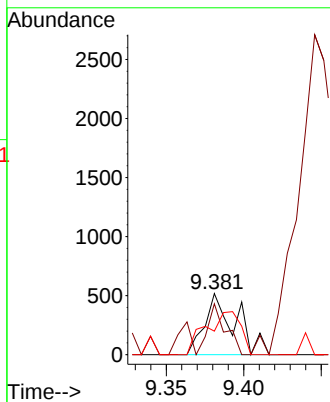
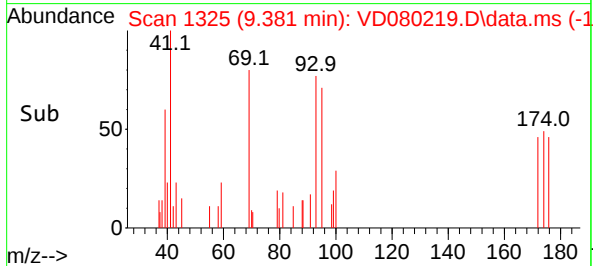
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



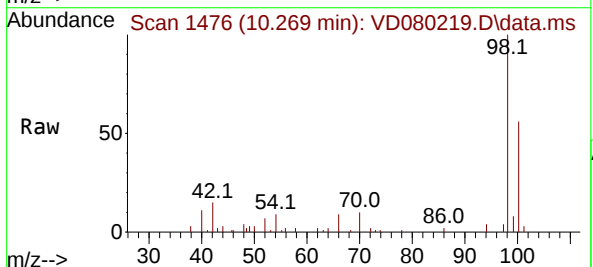
Tgt Ion: 88 Resp: 715
Ion Ratio Lower Upper
88 100
43 48.3 28.5 42.7
58 79.6 56.3 84.5

Manual Integrations
APPROVED

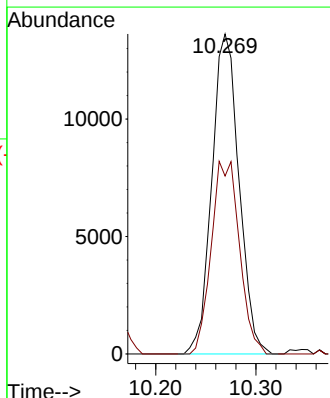
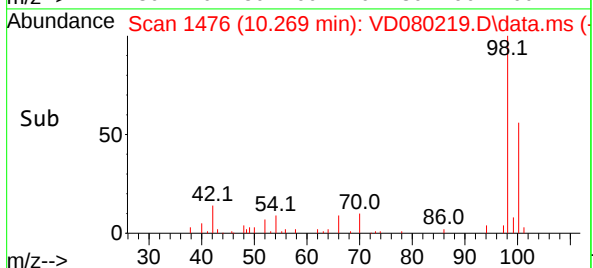
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

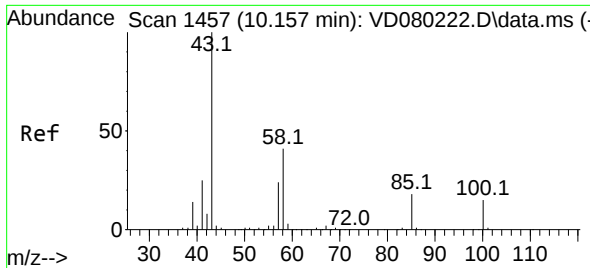


#50
Toluene-d8
Concen: 4.715 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion: 98 Resp: 25598
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.4





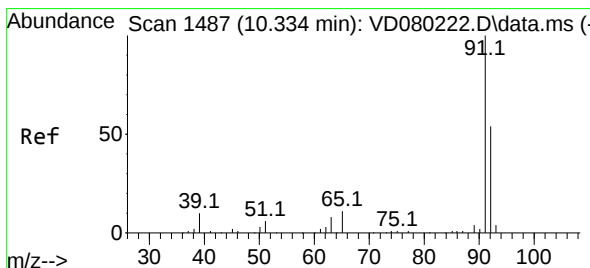
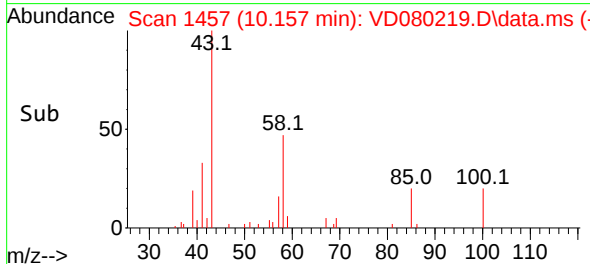
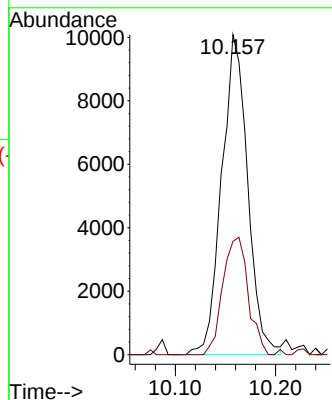
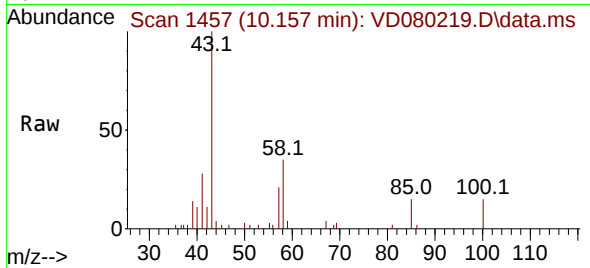
#51
4-Methyl-2-Pentanone
Concen: 19.649 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 35.9 31.1 46.7

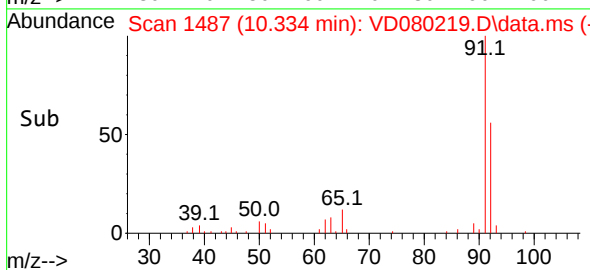
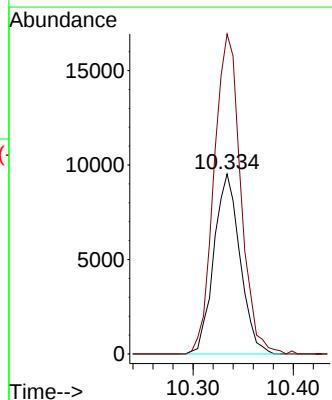
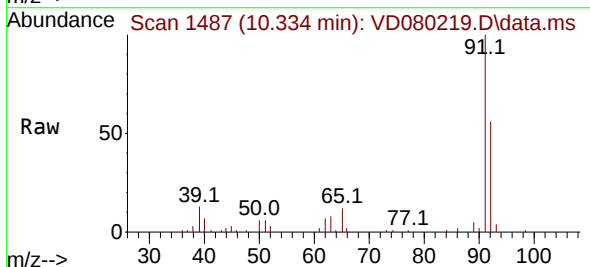
Manual Integrations
APPROVED

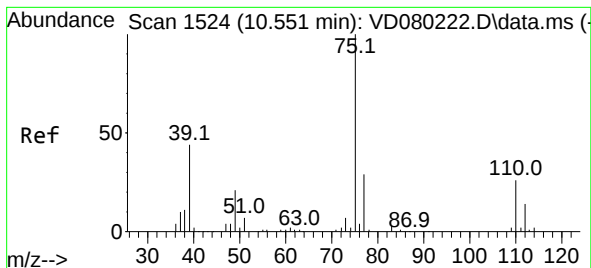
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#52
Toluene
Concen: 4.488 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

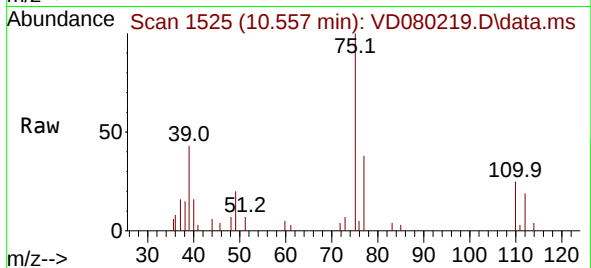
Tgt Ion: 92 Resp: 17254
Ion Ratio Lower Upper
92 100
91 181.6 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 4.279 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

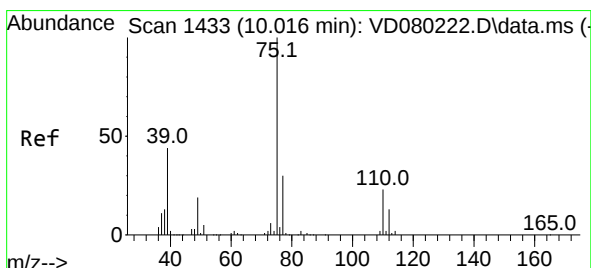
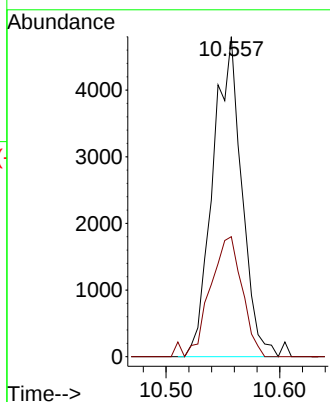
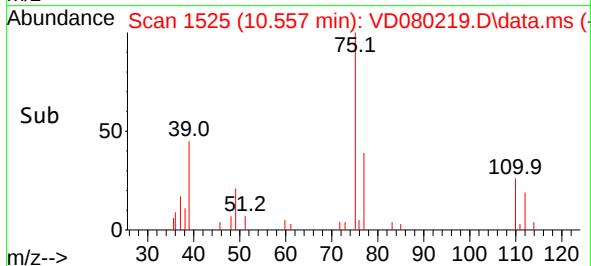
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 847
Ion Ratio Lower Upper
75 100
77 37.5 23.0 34.4

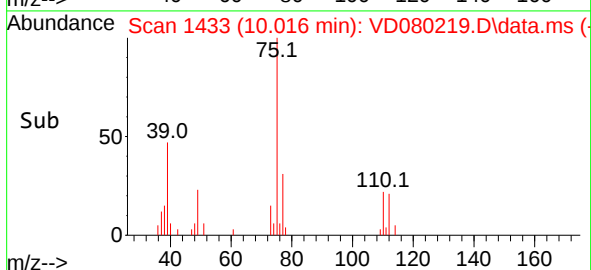
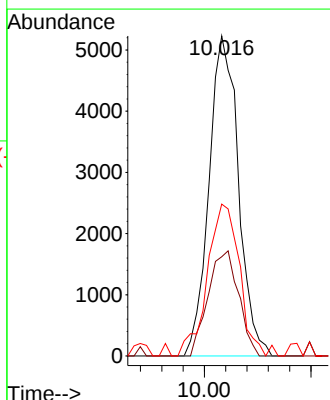
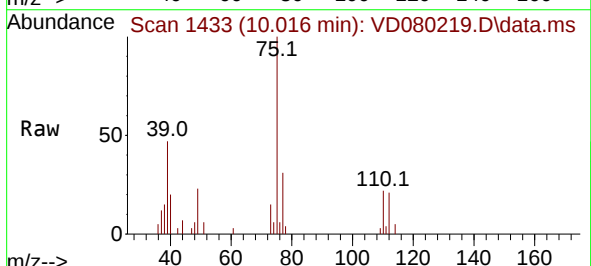
Manual Integrations
APPROVED

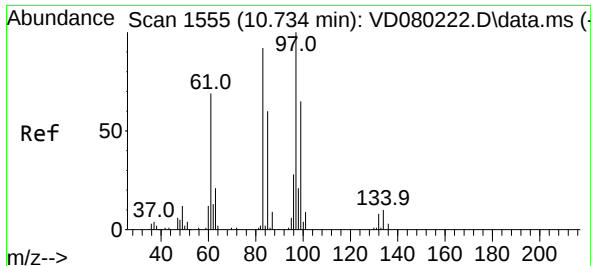
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#54
cis-1,3-Dichloropropene
Concen: 4.160 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

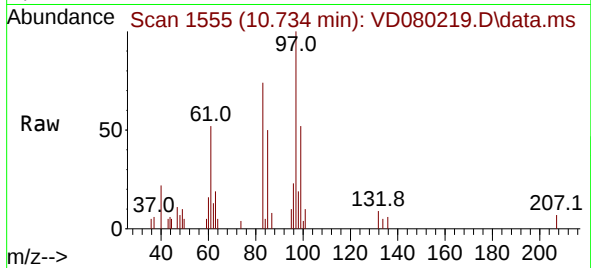
Tgt Ion: 75 Resp: 10021
Ion Ratio Lower Upper
75 100
77 31.0 24.1 36.1
39 47.5 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 5.377 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

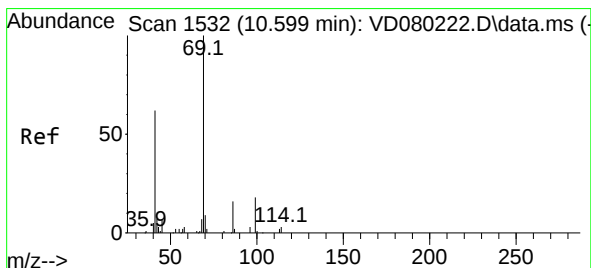
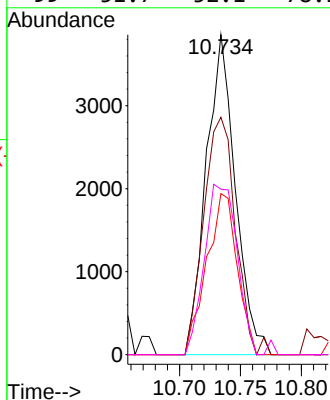
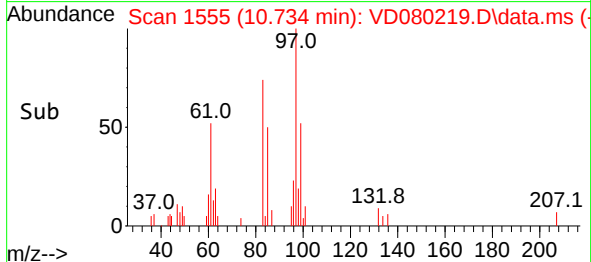
Instrument : MSVOA_D
ClientSampleId : VSTDIC005



Tgt Ion: 97 Resp: 6430
Ion Ratio Lower Upper
97 100
83 74.2 73.9 110.9
85 50.4 48.2 72.2
99 51.7 52.1 78.1#

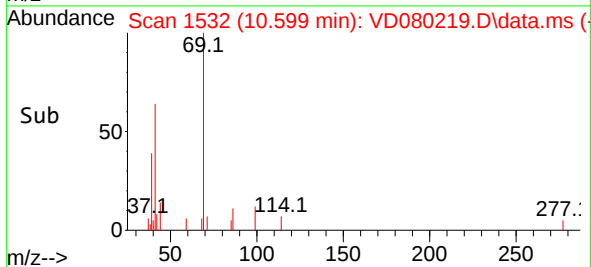
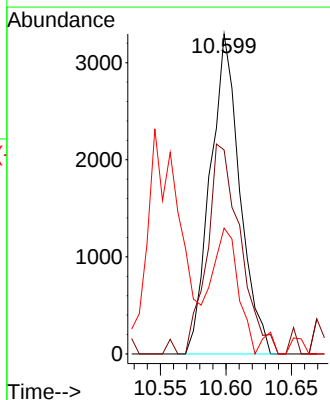
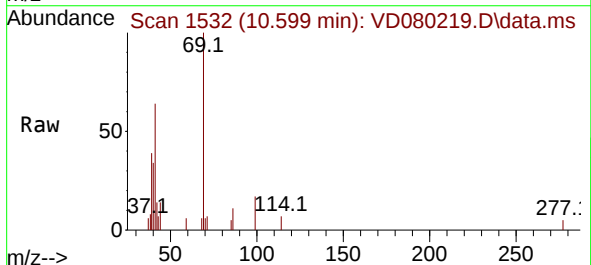
Manual Integrations
APPROVED

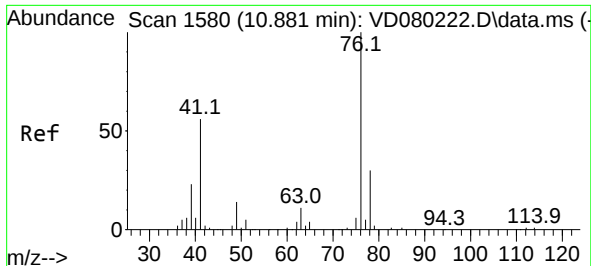
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#56
Ethyl methacrylate
Concen: 3.786 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 69 Resp: 5170
Ion Ratio Lower Upper
69 100
41 74.6 51.8 77.6
39 37.1 28.7 43.1





#57

1,3-Dichloropropane

Concen: 4.810 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 952

Ion Ratio Lower Upper

76 100

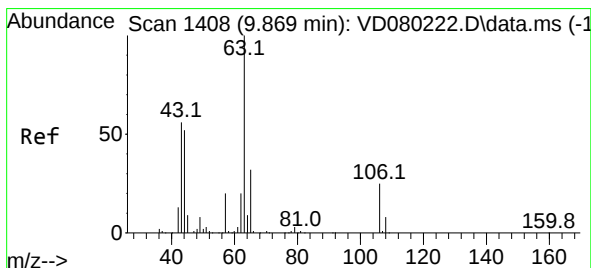
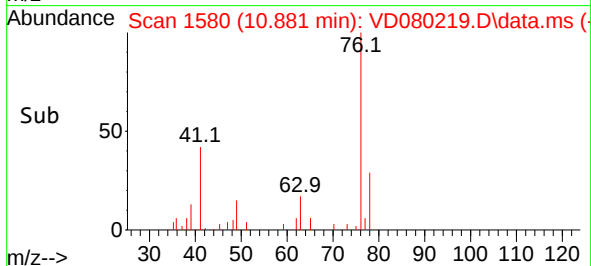
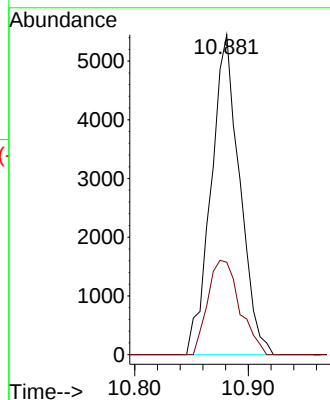
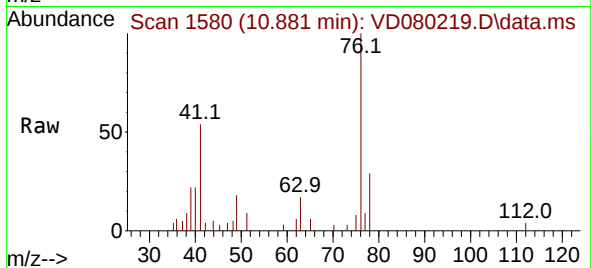
78 33.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025

Supervised By :Semsettin Yesilyurt 02/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 18.770 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080219.D

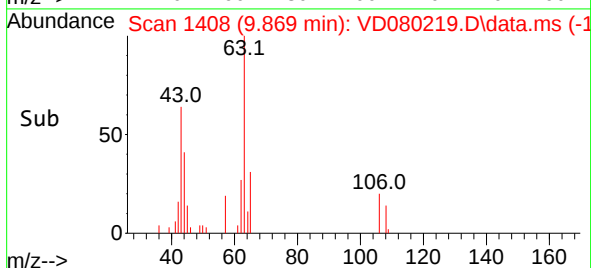
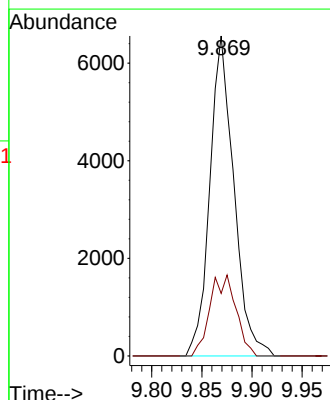
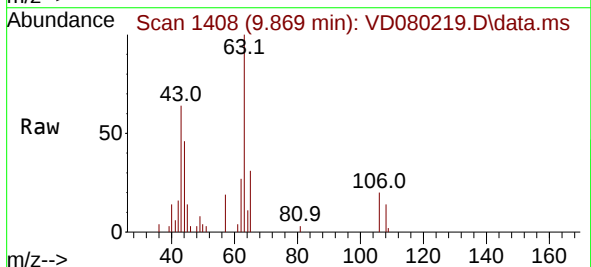
Acq: 03 Feb 2025 10:27

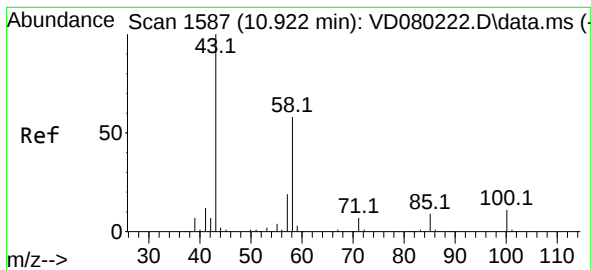
Tgt Ion: 63 Resp: 10941

Ion Ratio Lower Upper

63 100

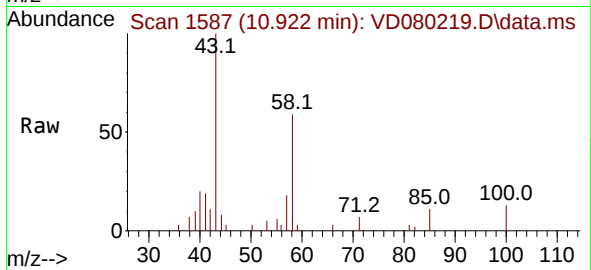
106 27.4 20.6 30.8





#59
2-Hexanone
Concen: 18.342 ug/l
RT: 10.922 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

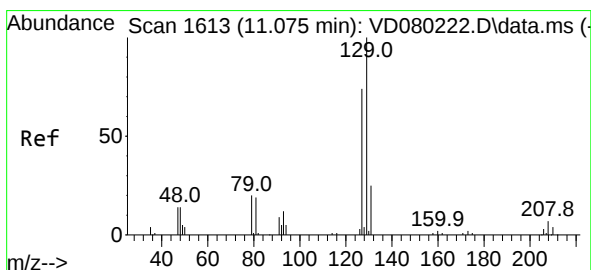
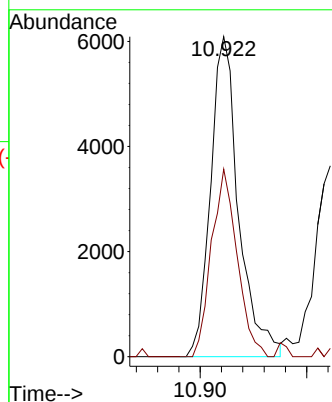
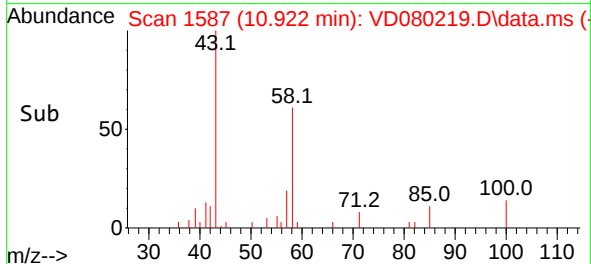
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



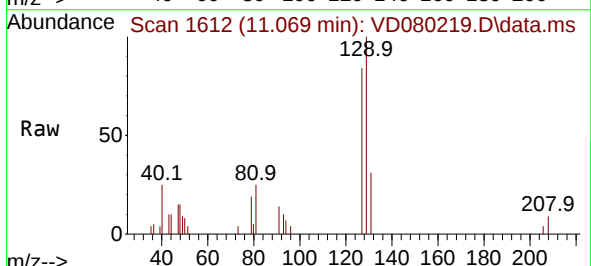
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 53.8 27.4 82.2

Manual Integrations
APPROVED

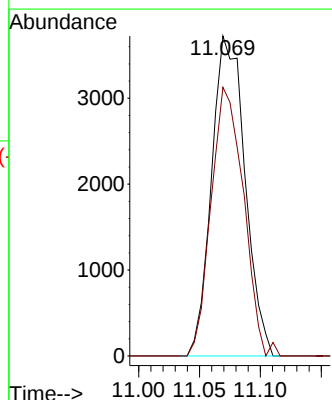
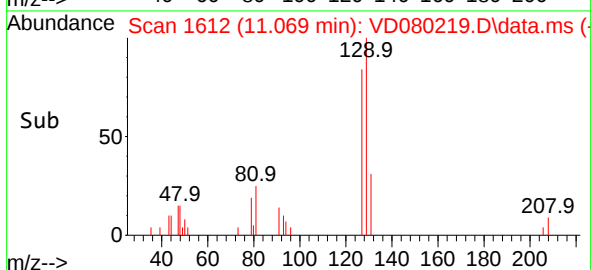
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

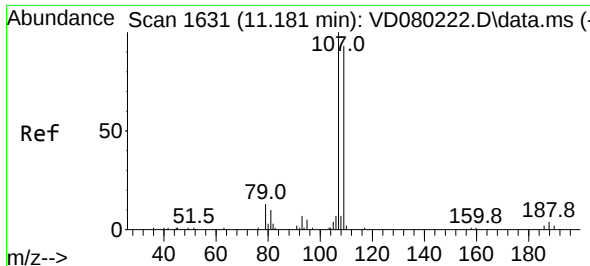


#60
Dibromochloromethane
Concen: 4.806 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion:129 Resp: 7090
Ion Ratio Lower Upper
129 100
127 81.6 38.1 114.5





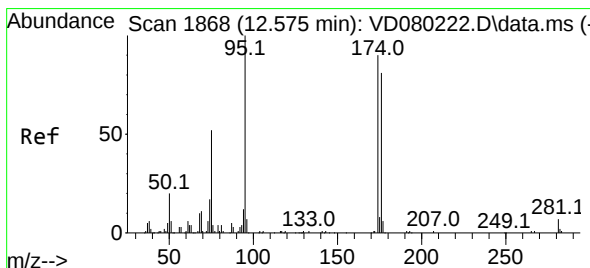
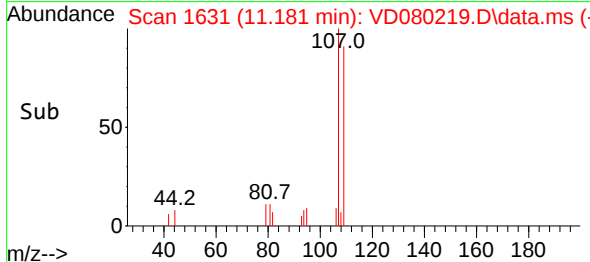
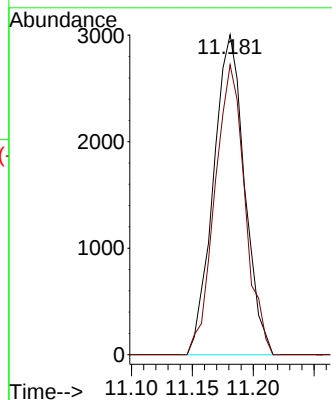
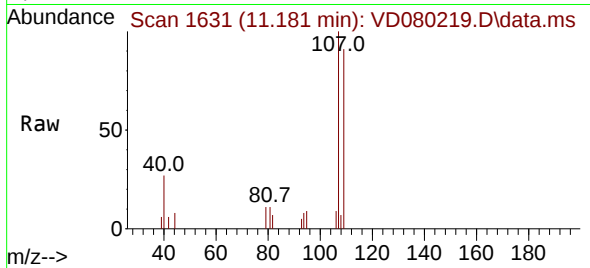
#61
1,2-Dibromoethane
Concen: 4.909 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 535
Ion Ratio Lower Upper
107 100
109 87.6 75.1 112.7

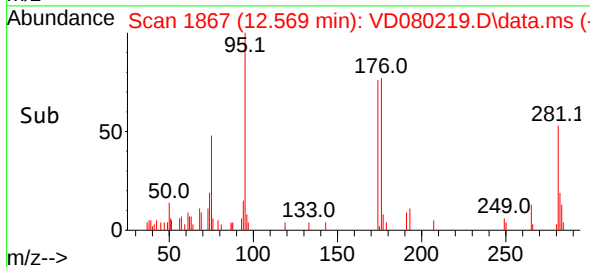
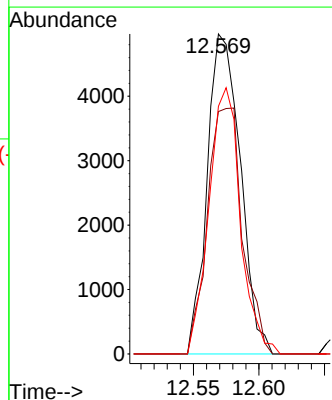
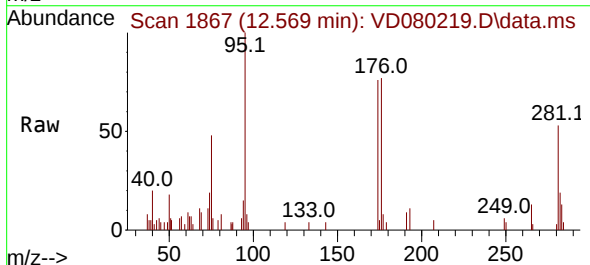
Manual Integrations
APPROVED

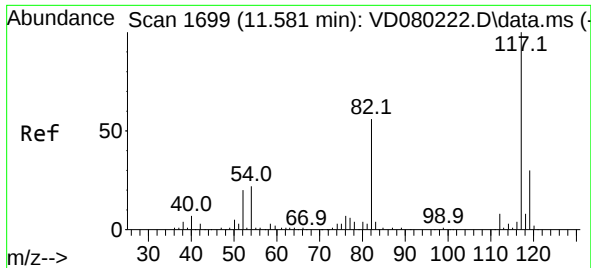
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#62
4-Bromofluorobenzene
Concen: 5.008 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

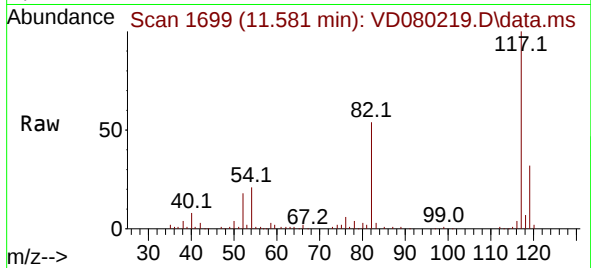
Tgt Ion: 95 Resp: 8724
Ion Ratio Lower Upper
95 100
174 81.3 0.0 171.8
176 78.9 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

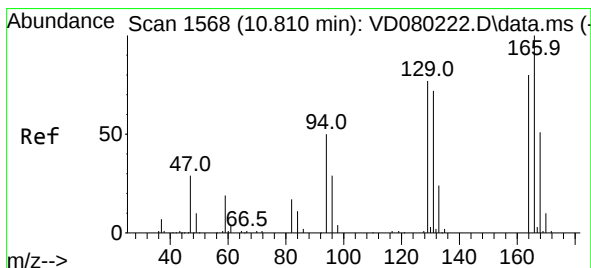
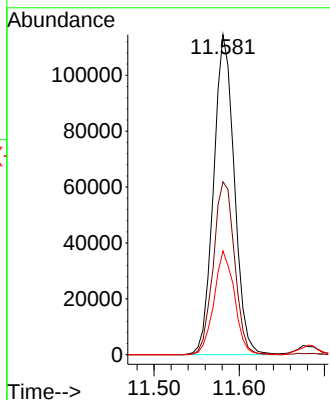
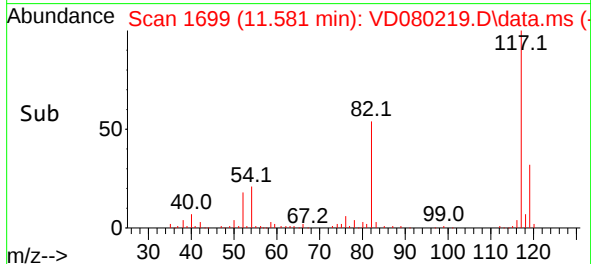
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 194009
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.6
119 32.4 24.3 36.5

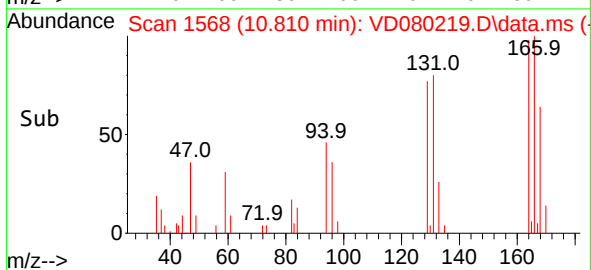
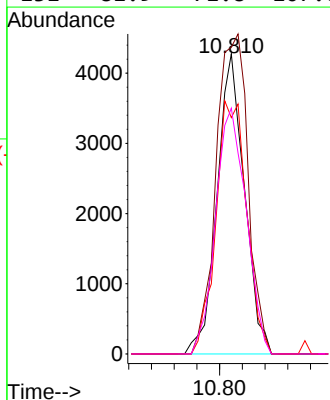
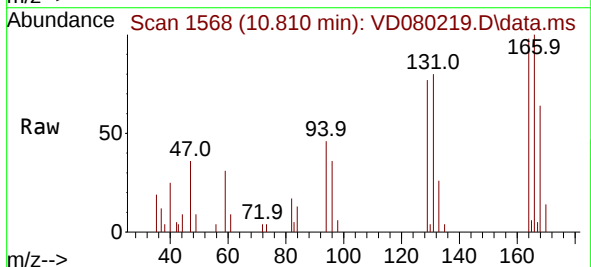
Manual Integrations
APPROVED

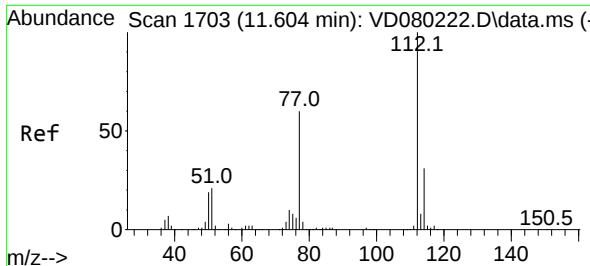
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#64
Tetrachloroethene
Concen: 5.273 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:164 Resp: 7147
Ion Ratio Lower Upper
164 100
166 102.2 99.4 149.2
129 78.7 76.3 114.5
131 81.9 71.8 107.6





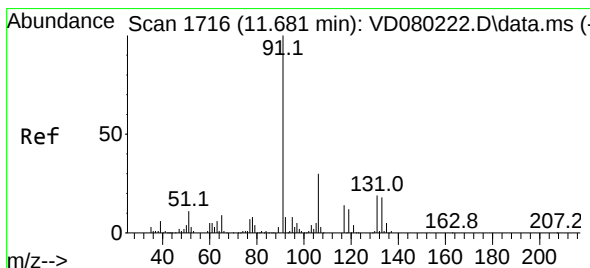
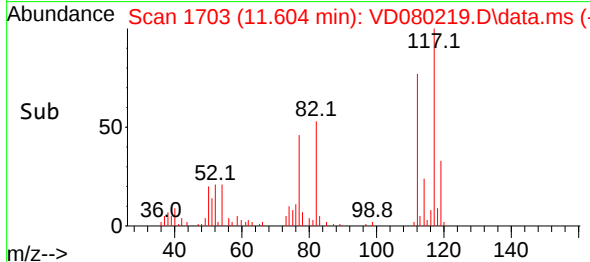
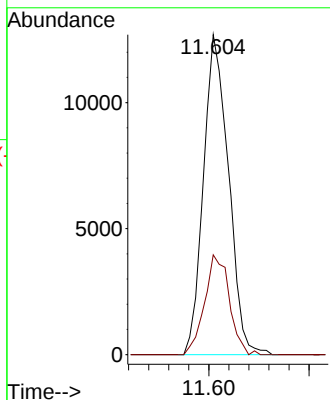
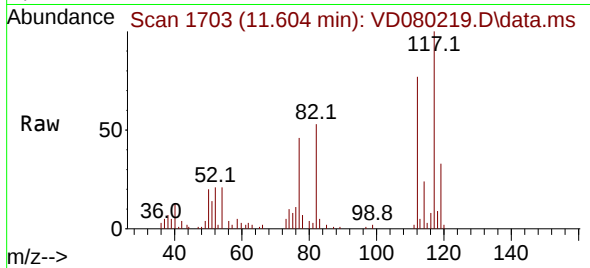
#65
Chlorobenzene
Concen: 4.949 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 22000
Ion Ratio Lower Upper
112 100
114 31.2 24.5 36.7

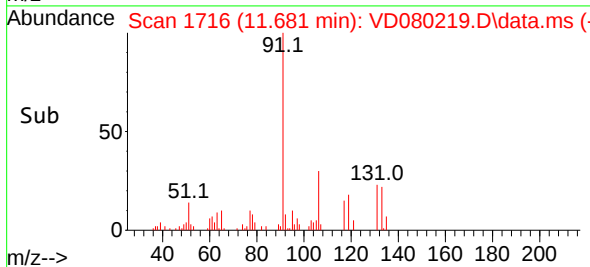
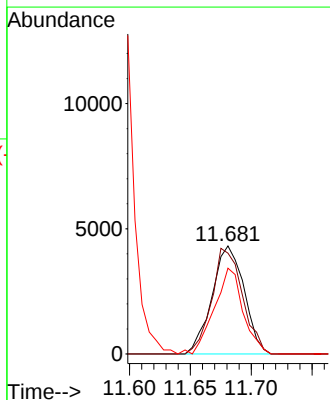
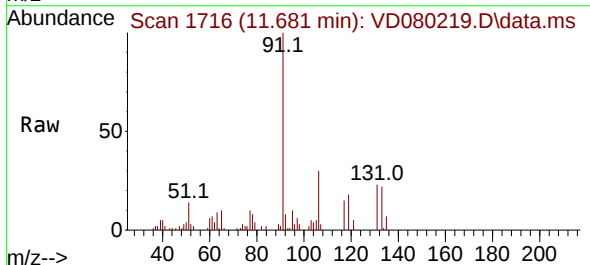
Manual Integrations
APPROVED

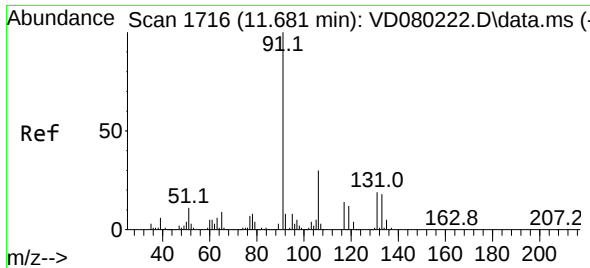
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.084 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:131 Resp: 7909
Ion Ratio Lower Upper
131 100
133 93.7 45.9 137.7
119 71.2 33.9 101.6





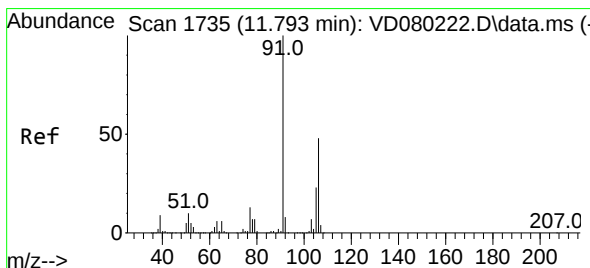
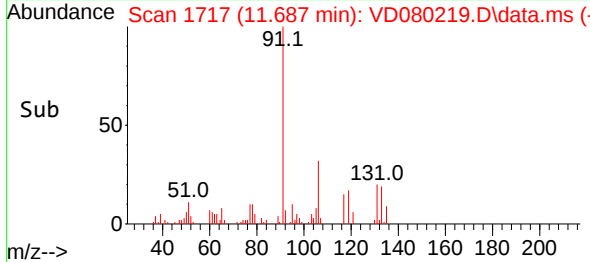
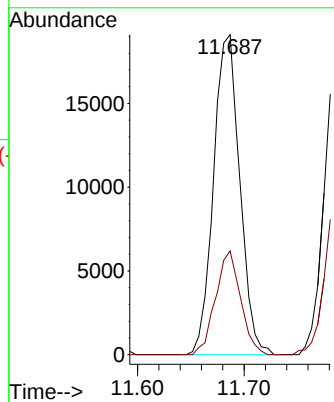
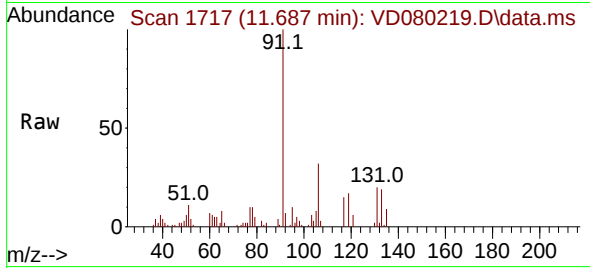
#67
Ethyl Benzene
Concen: 4.412 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3264
Ion Ratio Lower Upper
91 100
106 32.4 23.9 35.9

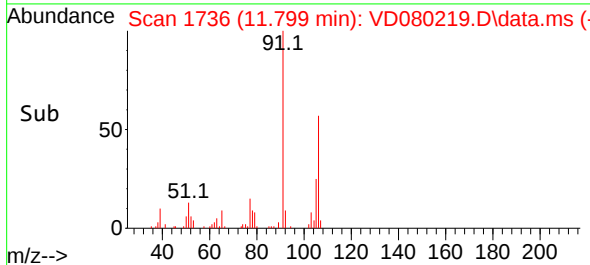
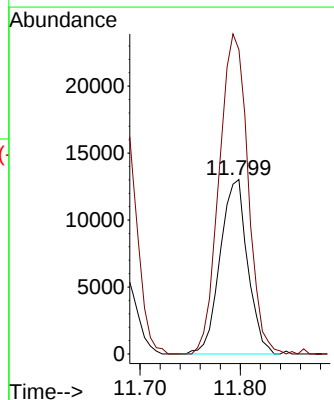
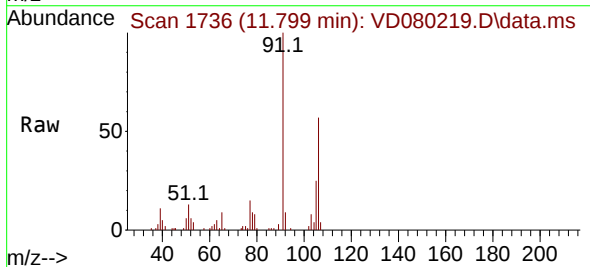
Manual Integrations
APPROVED

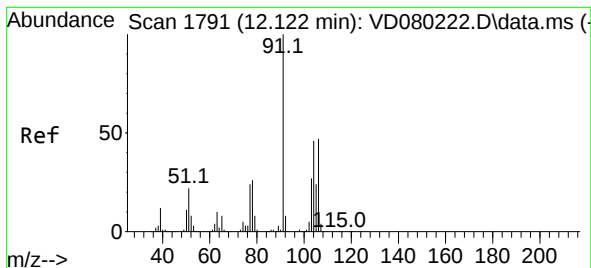
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#68
m/p-Xylenes
Concen: 8.632 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:106 Resp: 24792
Ion Ratio Lower Upper
106 100
91 192.1 165.8 248.8





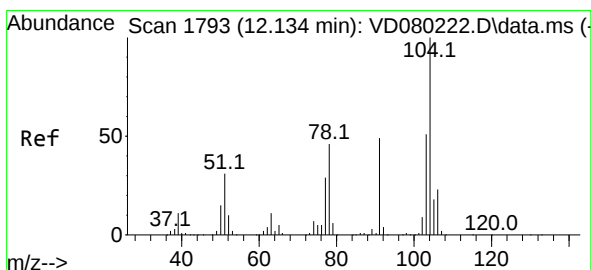
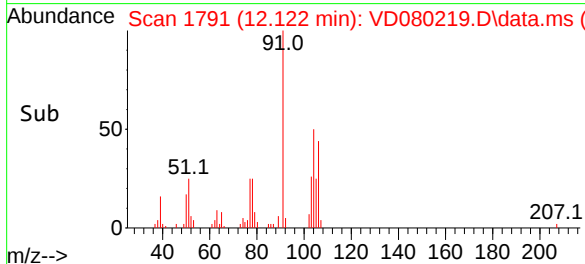
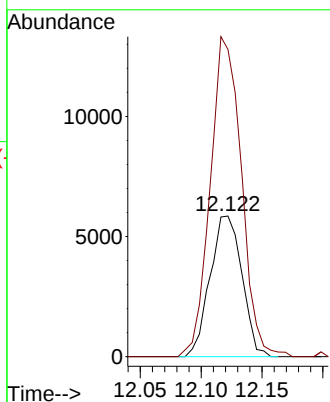
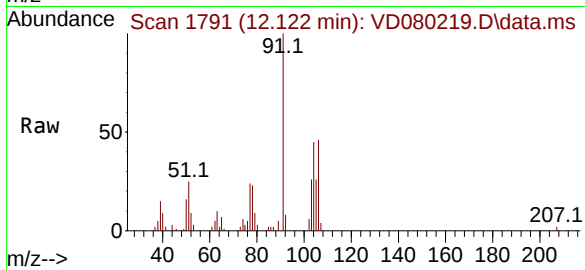
#69
o-Xylene
Concen: 4.075 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 10672
Ion Ratio Lower Upper
106 100
91 222.4 107.7 323.3

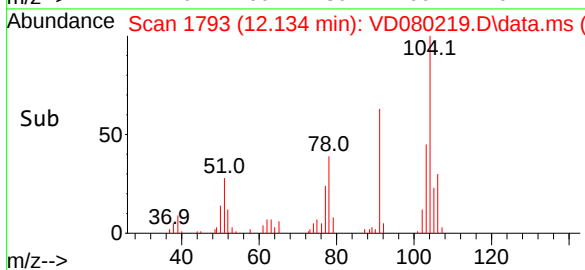
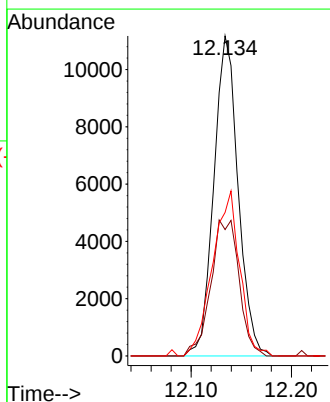
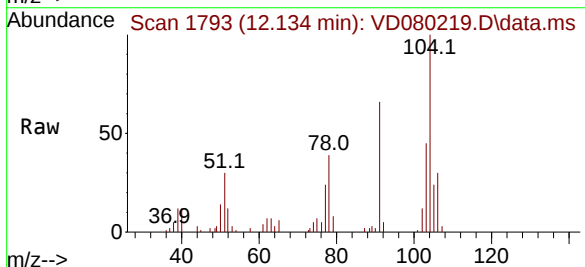
Manual Integrations
APPROVED

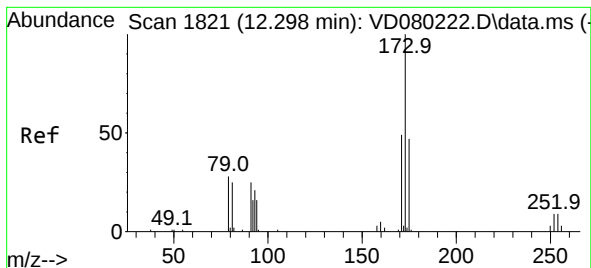
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#70
Styrene
Concen: 4.029 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:104 Resp: 18781
Ion Ratio Lower Upper
104 100
78 49.4 40.7 61.1
103 57.5 45.0 67.4





#71

Bromoform

Concen: 5.197 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

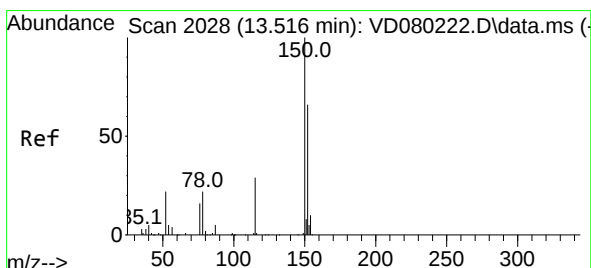
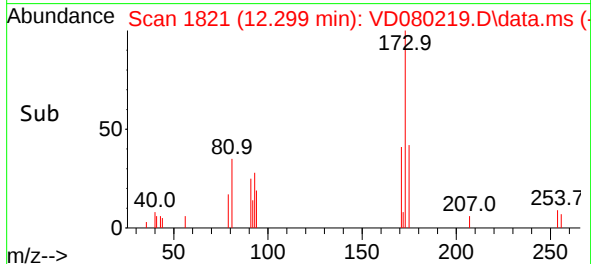
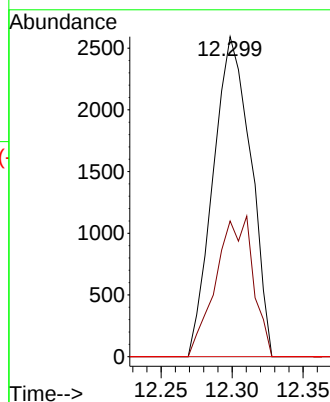
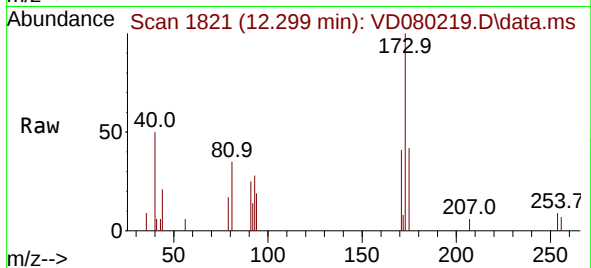
VSTDIC005

Tgt Ion:	173	Resp:	4760
Ion Ratio	Lower	Upper	
173	100		
175	43.3	23.4	70.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

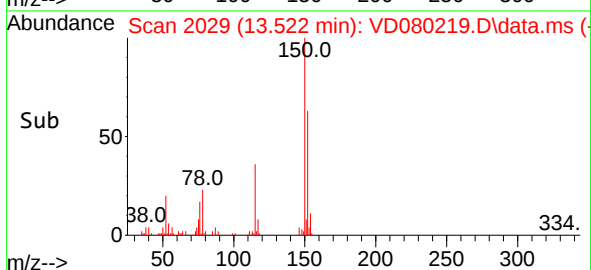
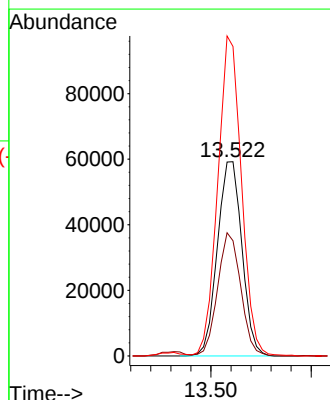
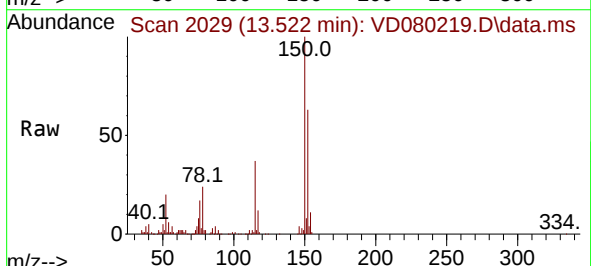
RT: 13.522 min Scan# 2029

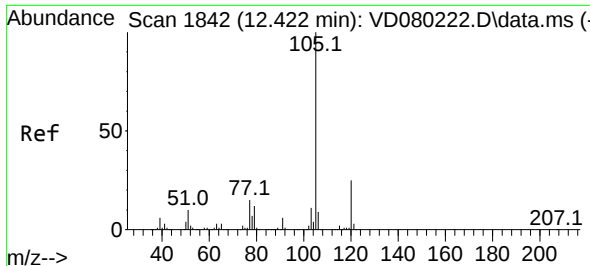
Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

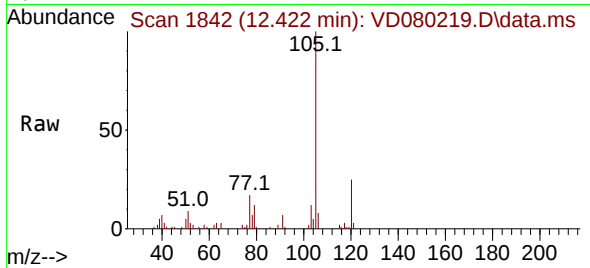
Tgt Ion:	152	Resp:	100564
Ion Ratio	Lower	Upper	
152	100		
115	59.8	30.0	90.1
150	159.1	0.0	350.4





#73
Isopropylbenzene
Concen: 4.310 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

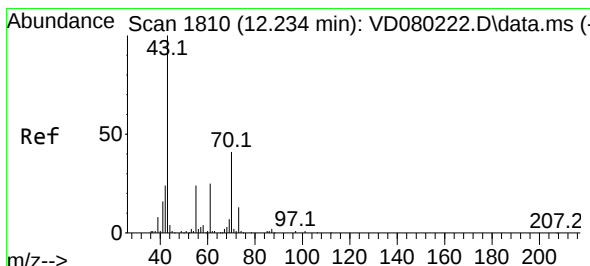
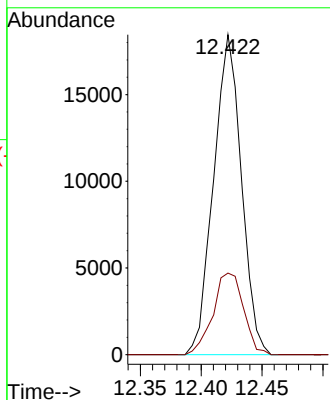
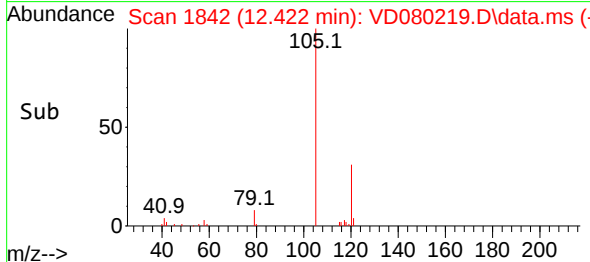
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



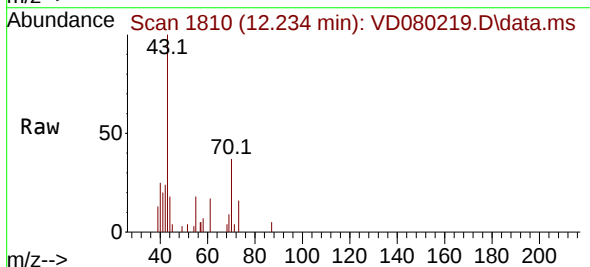
Tgt Ion:105 Resp: 29314
Ion Ratio Lower Upper
105 100
120 28.0 12.9 38.6

Manual Integrations
APPROVED

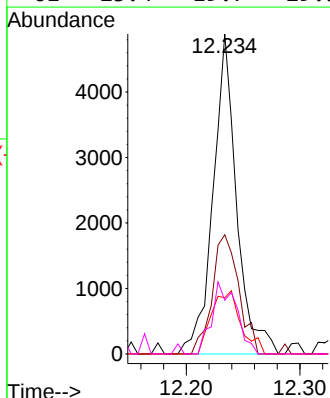
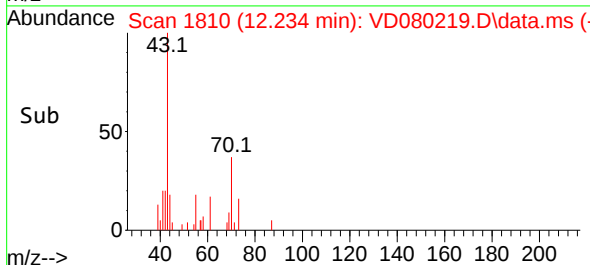
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

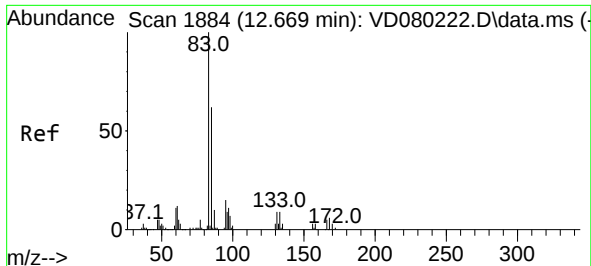


#74
N-ethyl acetate
Concen: 3.938 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion: 43 Resp: 7041
Ion Ratio Lower Upper
43 100
70 42.1 33.6 50.4
55 24.6 21.4 32.0
61 23.4 19.7 29.5





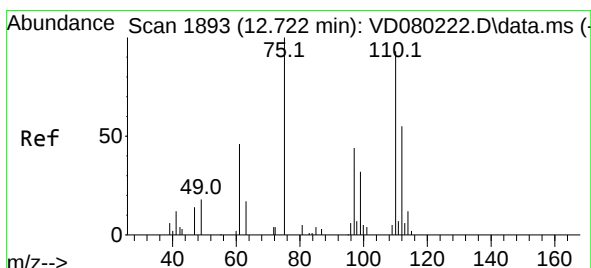
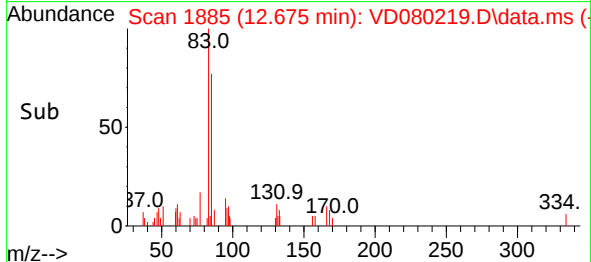
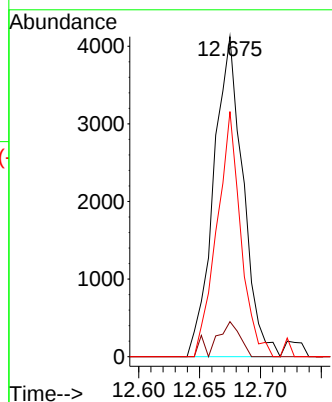
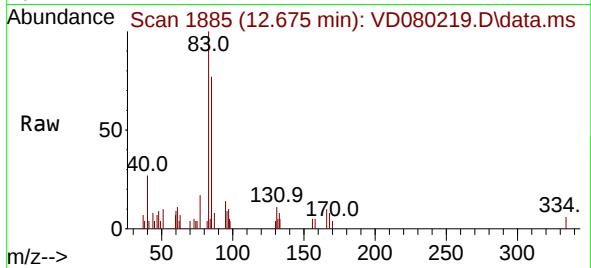
#75
1,1,2,2-Tetrachloroethane
Concen: 4.887 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 691
Ion Ratio Lower Upper
83 100
131 9.1 4.9 14.6
85 62.6 32.4 97.0

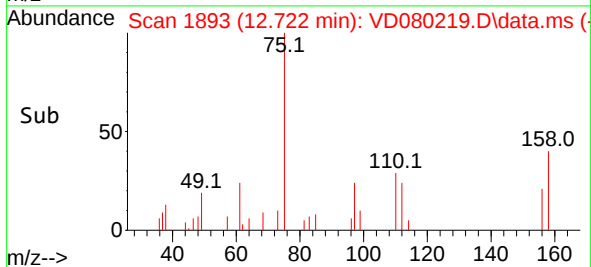
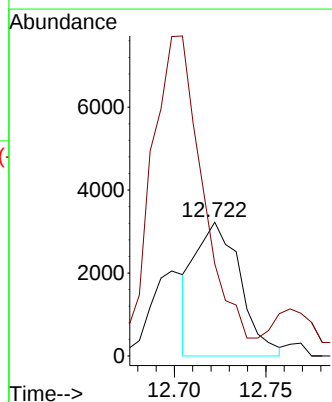
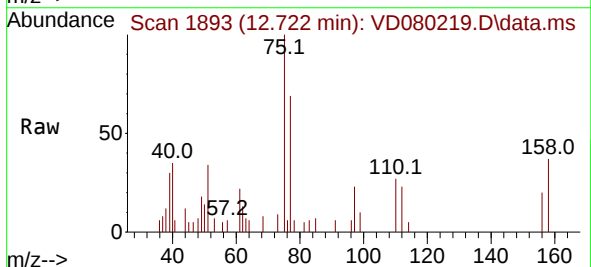
Manual Integrations
APPROVED

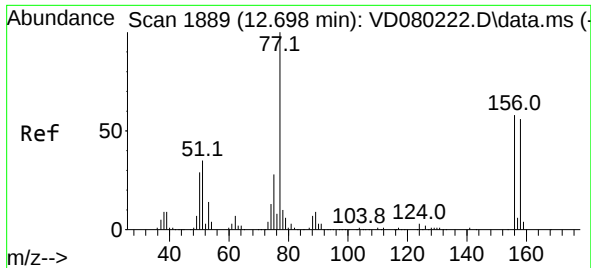
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#76
1,2,3-Trichloropropane
Concen: 5.476 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

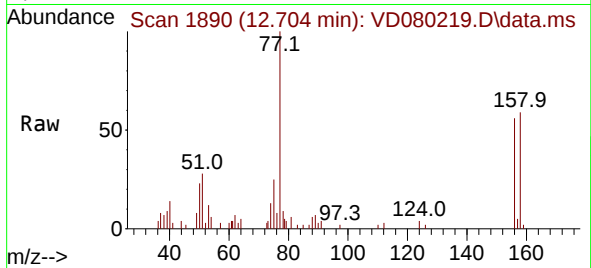
Tgt Ion: 75 Resp: 5570
Ion Ratio Lower Upper
75 100
77 278.6 0.0 0.0#





#77
Bromobenzene
Concen: 4.461 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

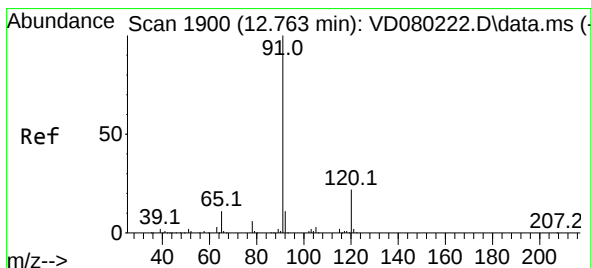
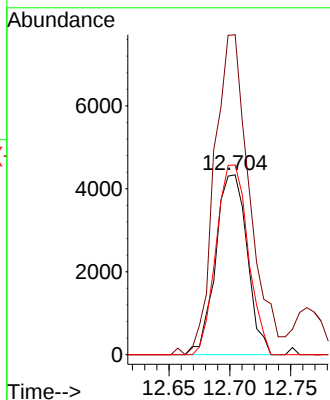
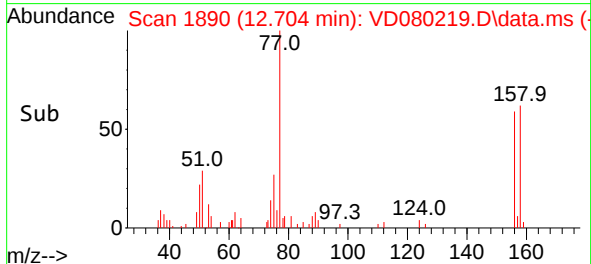
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



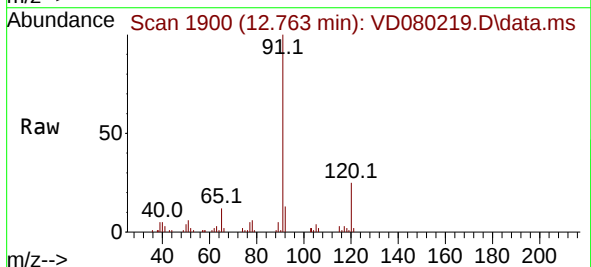
Tgt Ion:156 Resp: 782
Ion Ratio Lower Upper
156 100
77 198.3 95.2 285.4
158 106.8 47.8 143.3

Manual Integrations
APPROVED

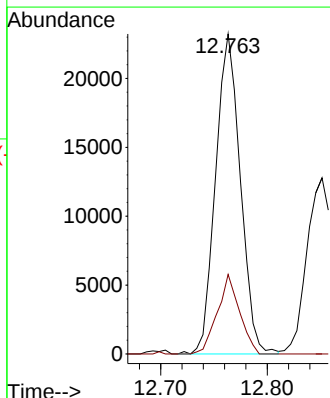
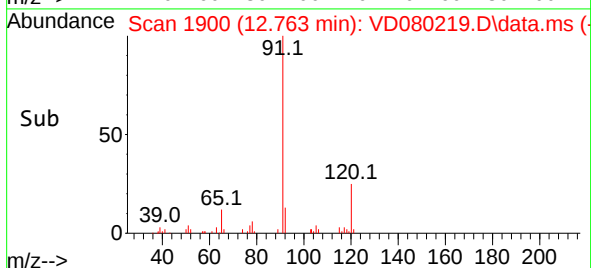
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

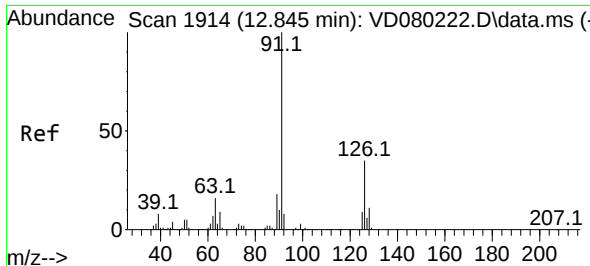


#78
n-propylbenzene
Concen: 4.321 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion: 91 Resp: 37418
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





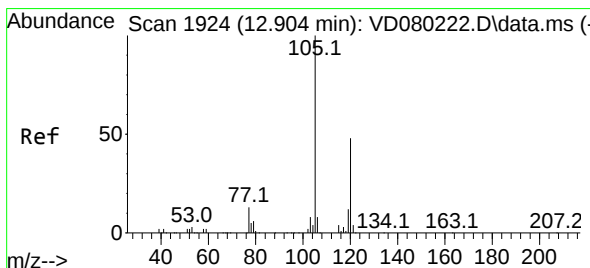
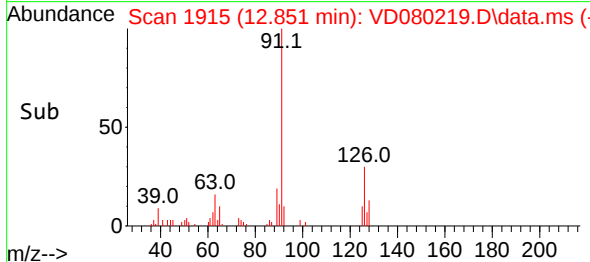
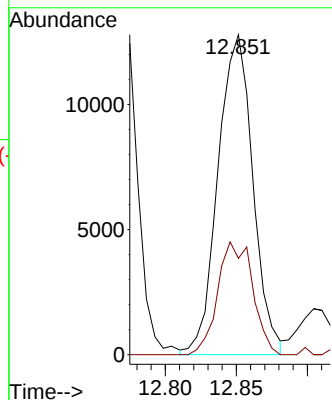
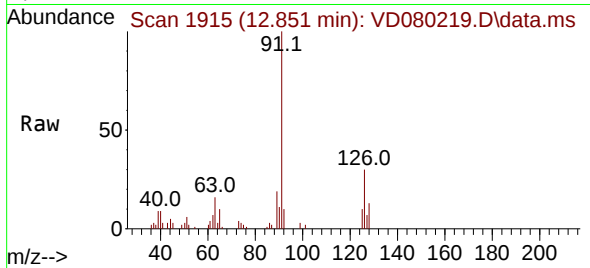
#79
2-Chlorotoluene
Concen: 4.441 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2185
Ion Ratio Lower Upper
91 100
126 35.2 16.8 50.4

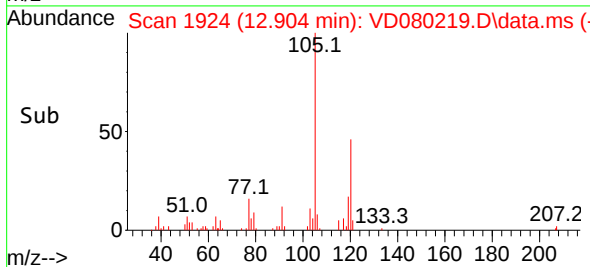
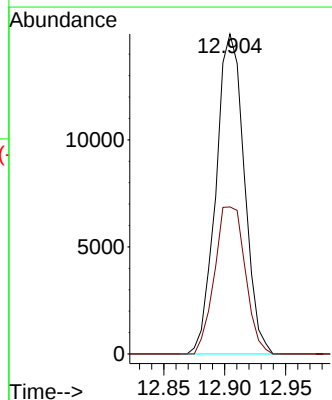
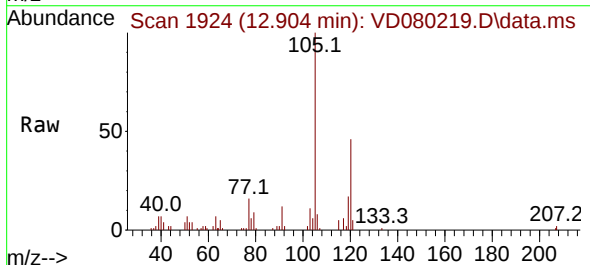
Manual Integrations
APPROVED

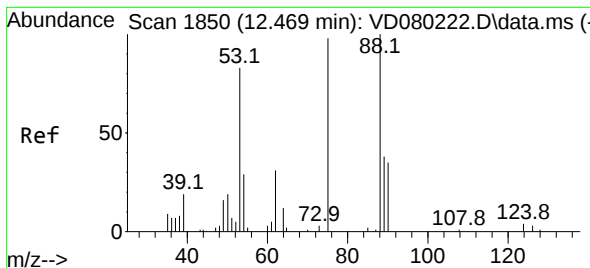
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.249 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:105 Resp: 24173
Ion Ratio Lower Upper
105 100
120 49.9 23.5 70.5





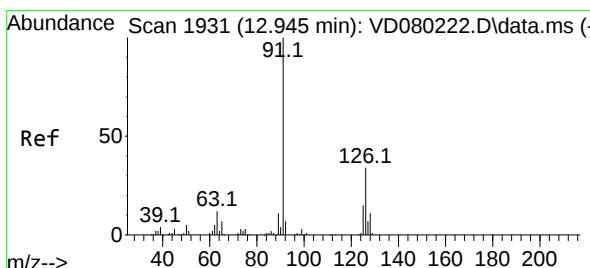
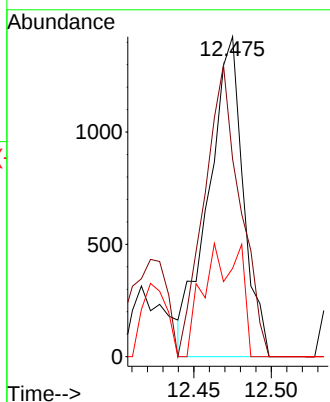
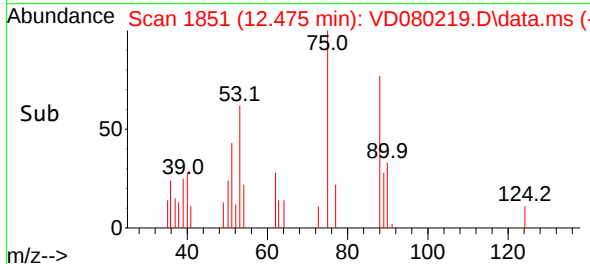
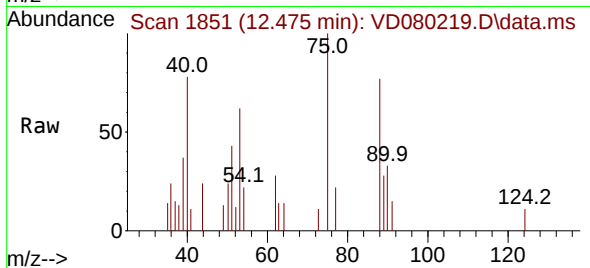
#81
trans-1,4-Dichloro-2-butene
Concen: 4.459 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2218
Ion Ratio Lower Upper
75 100
53 94.0 69.1 103.7
89 36.9 36.5 54.7

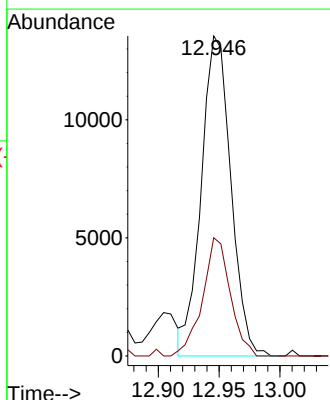
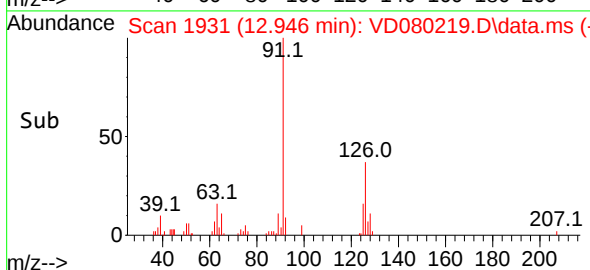
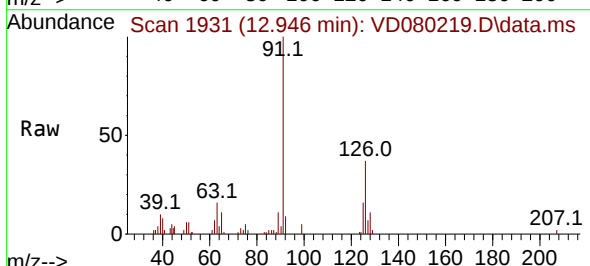
Manual Integrations
APPROVED

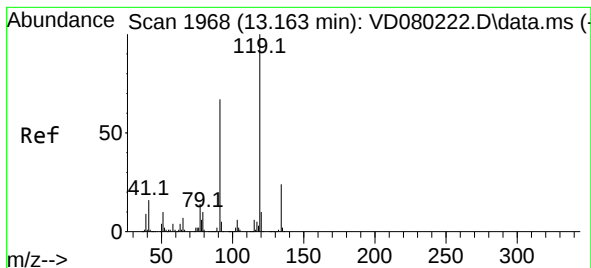
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#82
4-Chlorotoluene
Concen: 4.392 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 91 Resp: 22963
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.6





#83

tert-Butylbenzene

Concen: 4.705 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

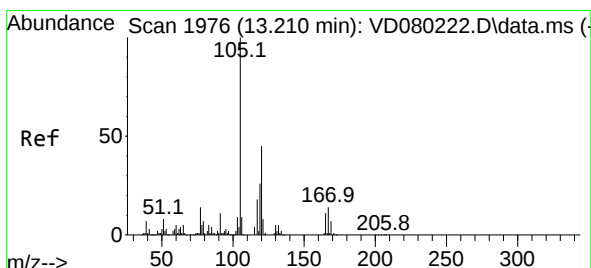
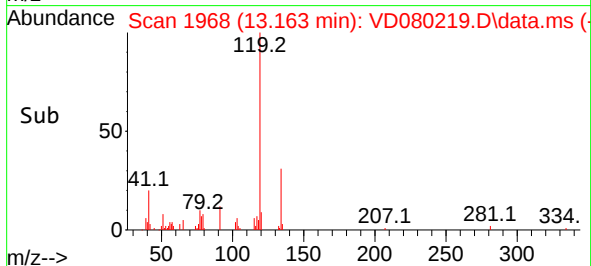
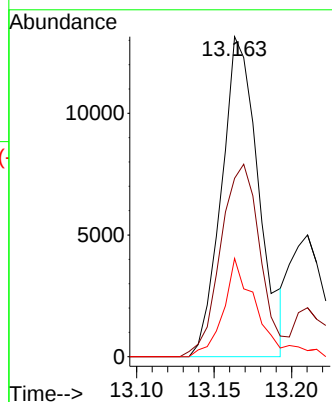
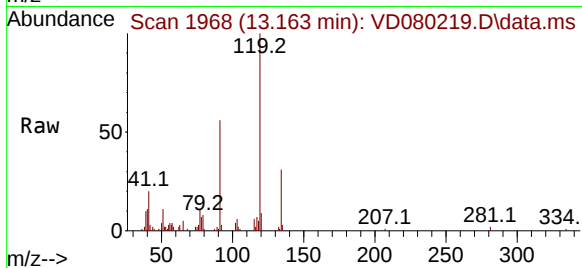
VSTDICC005

Tgt Ion:	119	Resp:	2188
Ion Ratio	Lower	Upper	
119	100		
91	64.9	34.5	103.5
134	27.9	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.328 ug/l

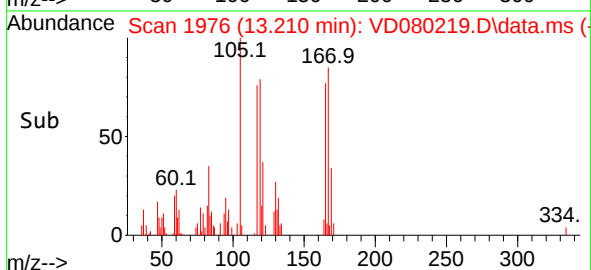
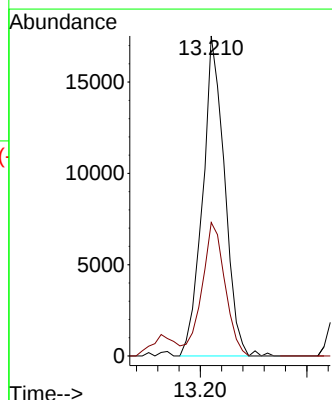
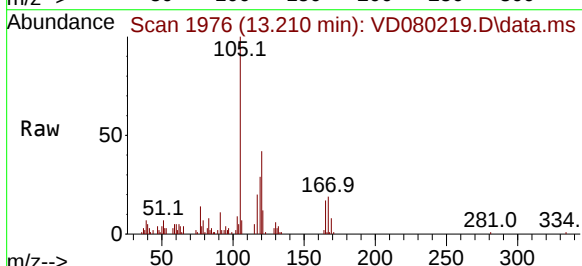
RT: 13.210 min Scan# 1976

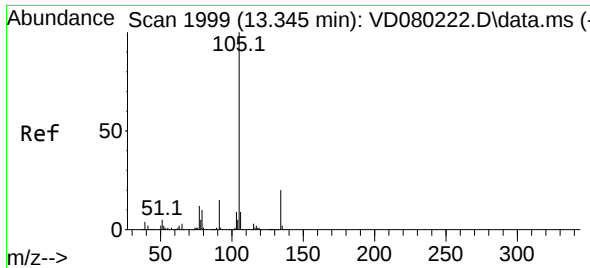
Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Tgt Ion:	105	Resp:	25062
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.1	66.5





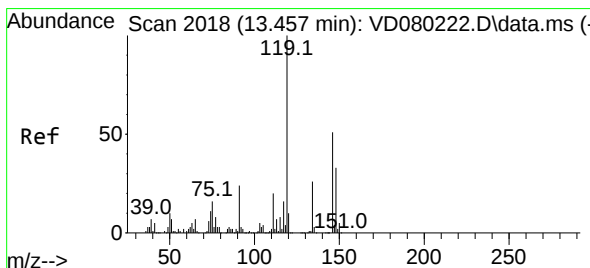
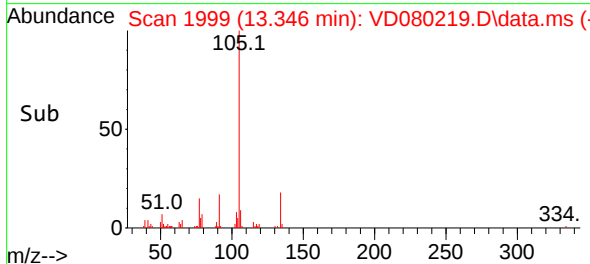
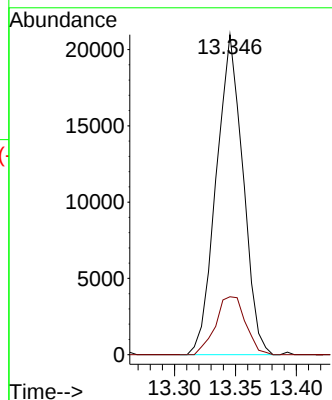
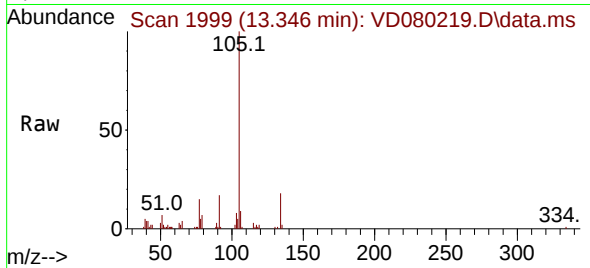
#85
 sec-Butylbenzene
 Concen: 4.506 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 32039
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

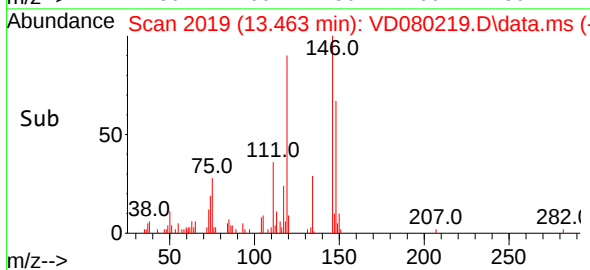
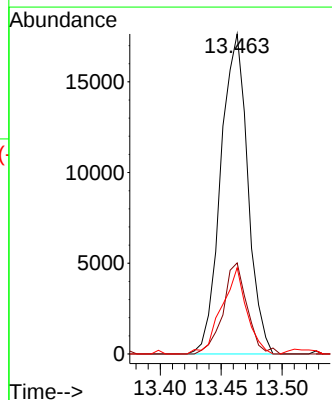
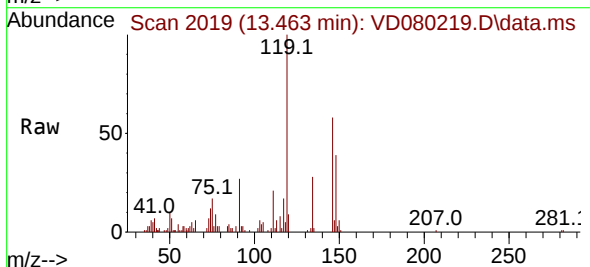
Manual Integrations
 APPROVED

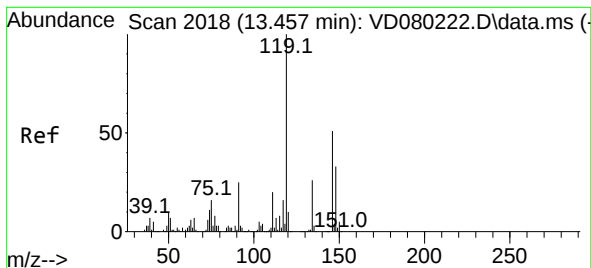
Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025



#86
 p-Isopropyltoluene
 Concen: 4.484 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Tgt Ion:119 Resp: 27223
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.9
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.915 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

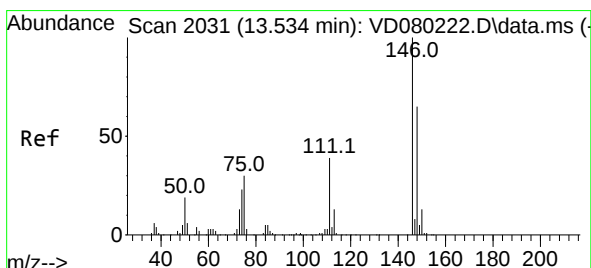
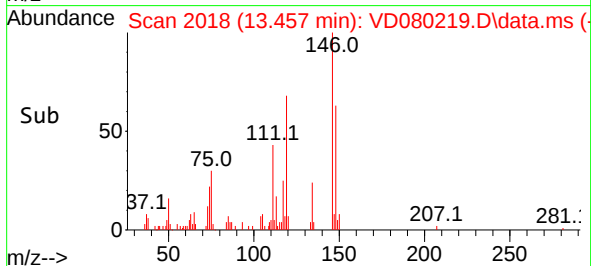
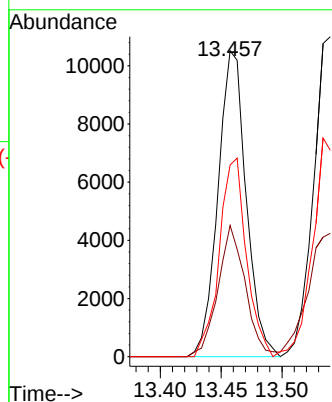
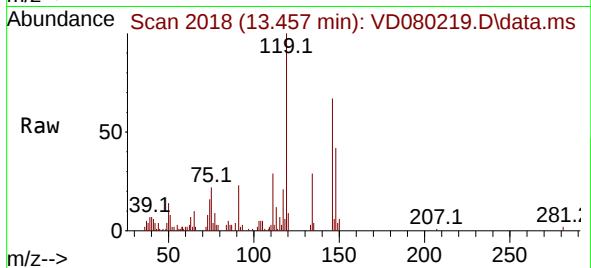
VSTDICC005

Tgt Ion:	146	Resp:	1698
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.5	61.6
148	62.5	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#88

1,4-Dichlorobenzene

Concen: 5.245 ug/l

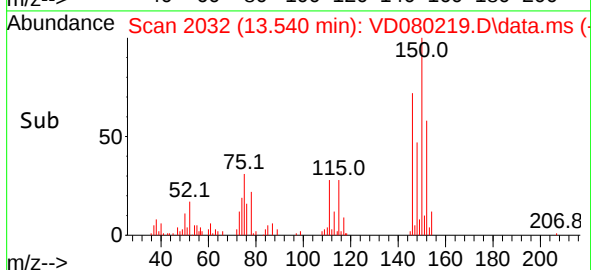
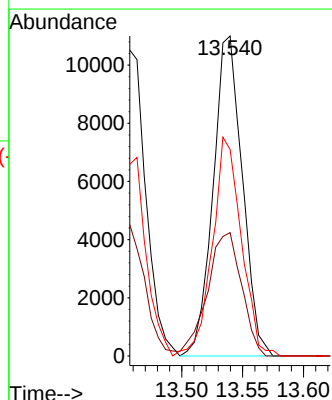
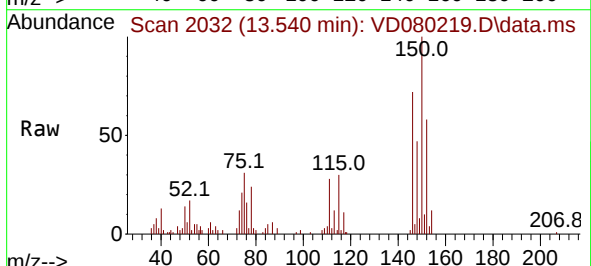
RT: 13.540 min Scan# 2032

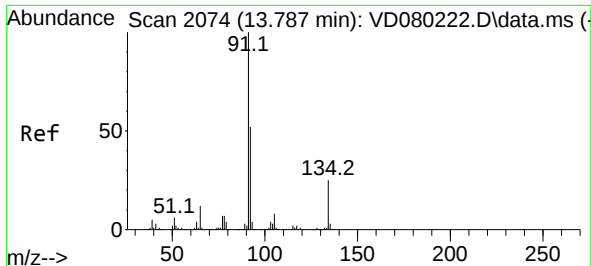
Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Tgt Ion:	146	Resp:	18347
Ion Ratio	Lower	Upper	
146	100		
111	45.2	19.7	59.0
148	67.9	32.3	96.8





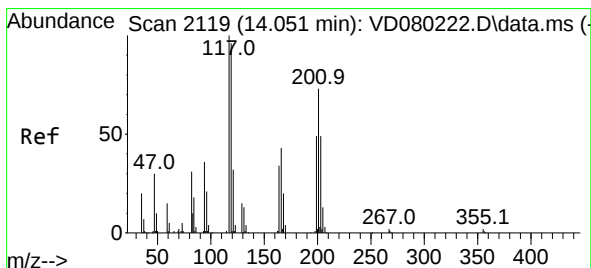
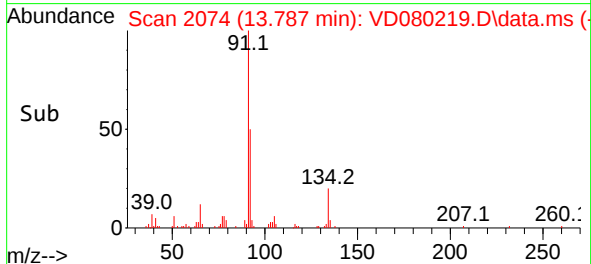
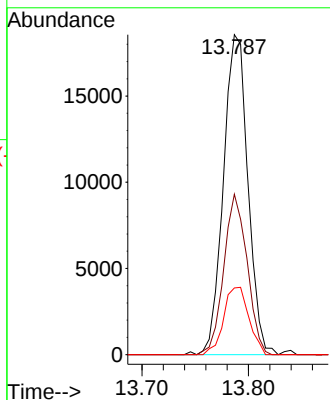
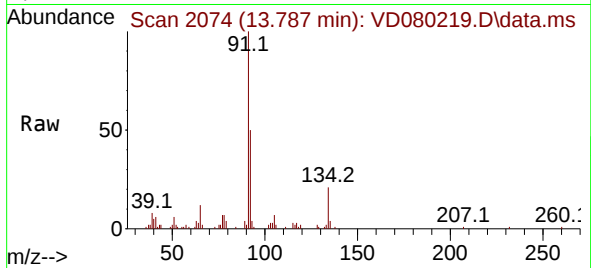
#89
n-Butylbenzene
Concen: 5.037 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 29720
Ion Ratio Lower Upper
91 100
92 47.7 26.1 78.2
134 21.7 12.4 37.0

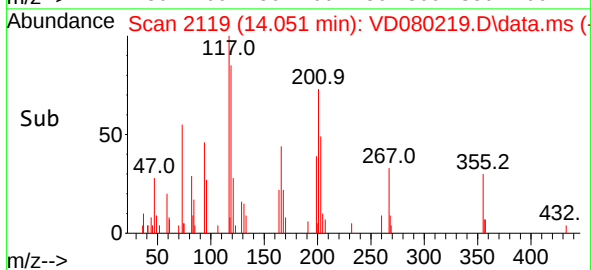
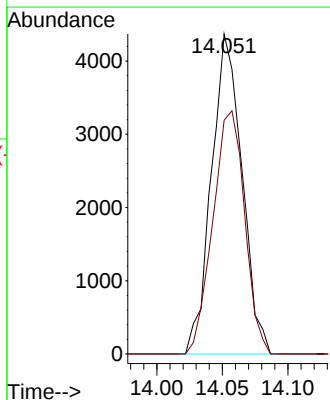
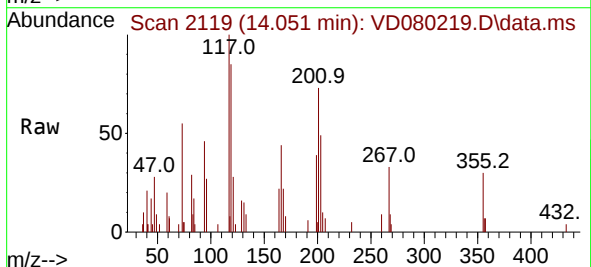
Manual Integrations
APPROVED

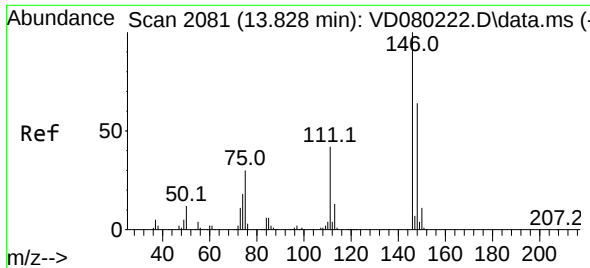
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#90
Hexachloroethane
Concen: 5.245 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:117 Resp: 7078
Ion Ratio Lower Upper
117 100
201 79.1 36.0 108.0





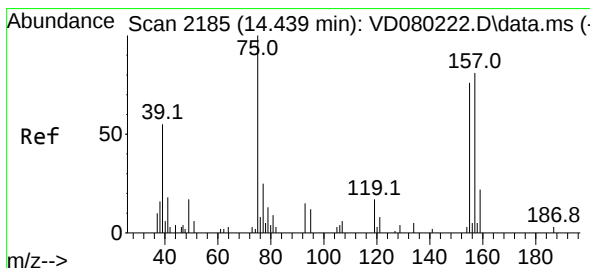
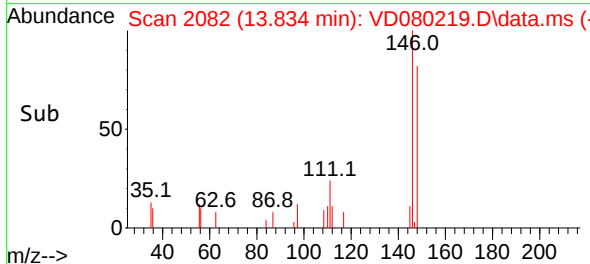
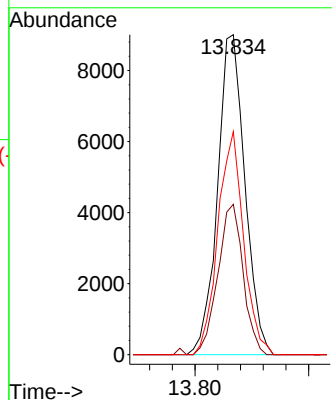
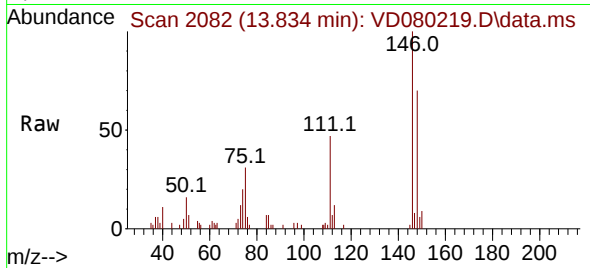
#91
1,2-Dichlorobenzene
Concen: 4.948 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1506
Ion Ratio Lower Upper
146 100
111 43.4 21.0 63.0
148 65.4 32.5 97.5

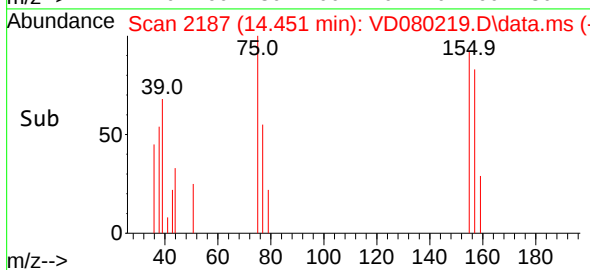
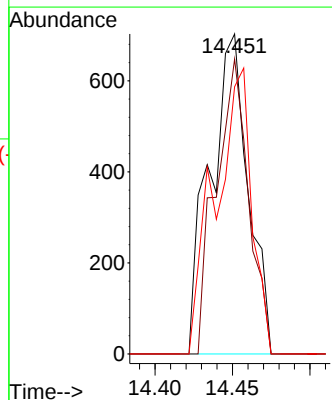
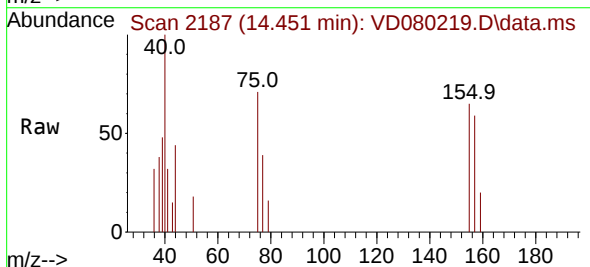
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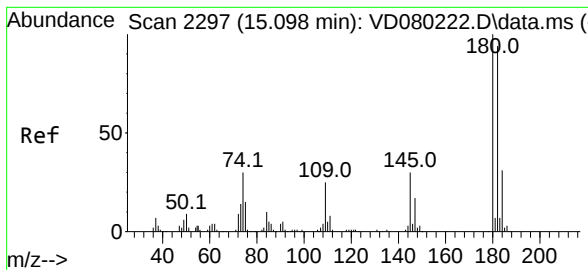
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.351 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 75 Resp: 1205
Ion Ratio Lower Upper
75 100
155 78.8 41.5 124.6
157 85.6 50.5 151.5





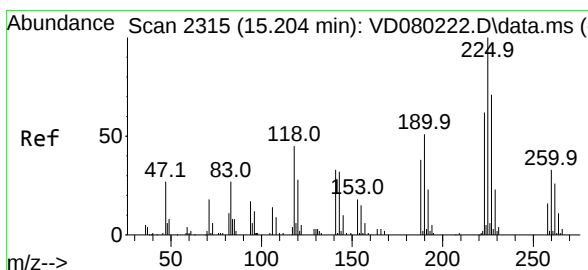
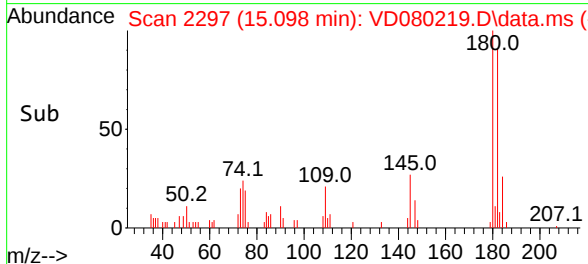
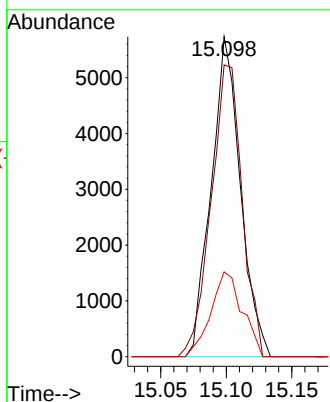
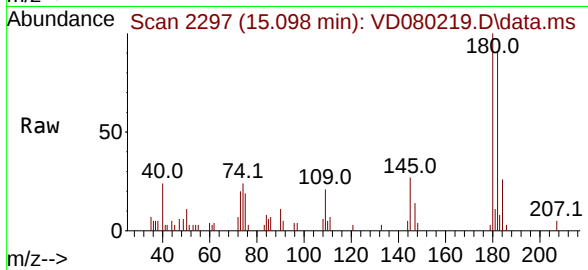
#93
1,2,4-Trichlorobenzene
Concen: 4.578 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 8880
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 28.5 14.6 44.0

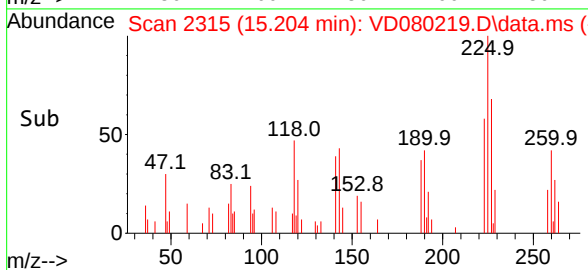
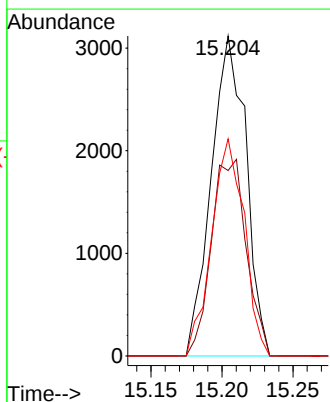
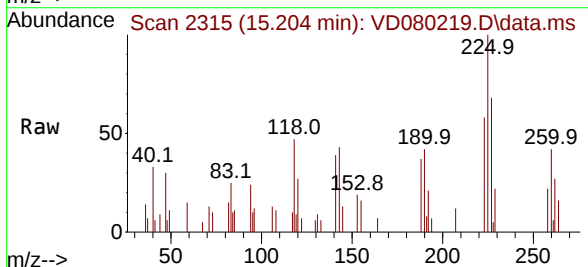
Manual Integrations
APPROVED

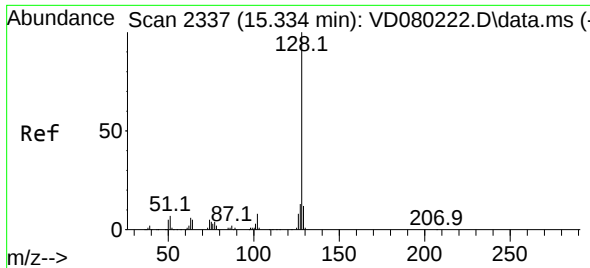
Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#94
Hexachlorobutadiene
Concen: 5.063 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

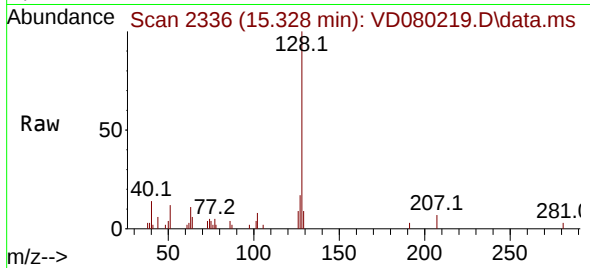
Tgt Ion:225 Resp: 5322
Ion Ratio Lower Upper
225 100
223 61.9 31.3 93.8
227 63.4 32.4 97.2





#95
Naphthalene
Concen: 4.179 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

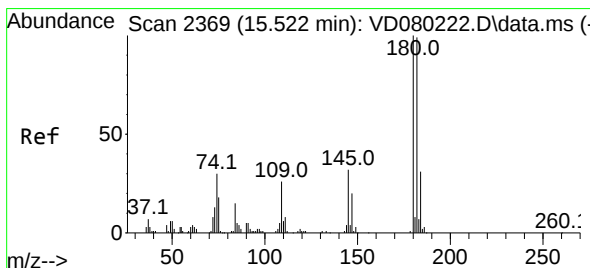
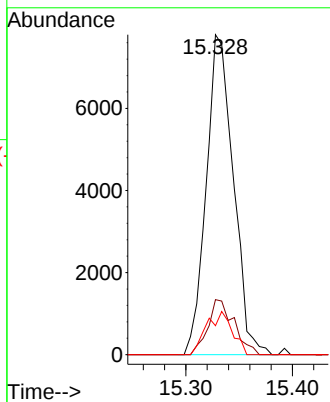
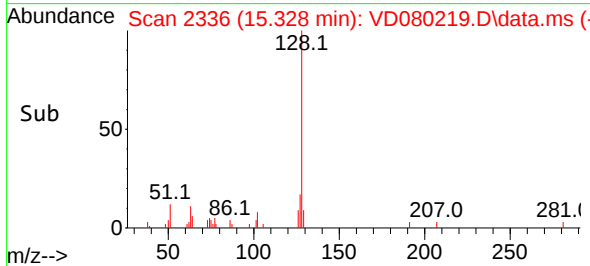
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



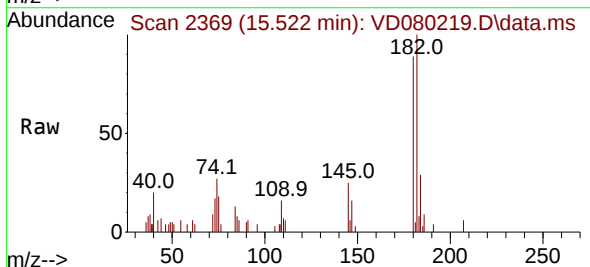
Tgt Ion:128 Resp: 13770
Ion Ratio Lower Upper
128 100
127 17.2 10.6 15.8
129 9.1 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.376 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion:180 Resp: 7665
Ion Ratio Lower Upper
180 100
182 103.1 47.3 142.0
145 29.0 15.6 46.7

